Master Catalogue

50 YEARS

SMILING TOGETHER.
SINCE 1977

GRUPPO MICERIUM

INNOVATION • QUALITY • PEOPLE



Master Catalogue

XI edition

Micerium S.p.A.
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Micerium S.p.A. regards quality as a fundamental principle of its business.

For us, quality means providing our customers with innovative products and services that meet or exceed their expectations, while complying with all applicable regulatory requirements and ensuring usability and safety.

Micerium S.p.A. is committed to the continuous improvement of its quality standards through the active involvement of everyone working within the company.

Management is committed to providing and effectively managing the resources required to achieve these objectives. This includes both internal and external stakeholders, such as employees, sales representatives and suppliers. The company also seeks to continuously improve the professional skills of its staff in order to meet customer expectations, provide high-quality products and increasingly efficient services, and reduce complaints and non-conformities.

All employees are committed to performing their work to the highest possible standard. To support this objective, Micerium S.p.A. strives to maintain a positive, efficient and high-quality working environment over time.

Micerium S.p.A. also aims to provide the dental and dental technology sectors with innovative, high-quality products designed for use with modern and advanced techniques, while remaining simple and reproducible.

To achieve these goals, Micerium S.p.A. promotes continuous professional training for both its sales team and its customers by organising and supporting courses aimed at improving the professional skills of dentists and dental technicians.

Micerium S.p.A.
Maria Picarelli
Chairman of the Board of Directors









Head Office

Micerium S.p.A. was founded and developed on the beautiful Ligurian Riviera. Its operational headquarters include a large, well-organised warehouse for product storage and distribution, an efficient sales network supported by experienced representatives, an in-house graphic design department responsible for brochures, course programmes and advertising materials, and a telemarketing department that supports distribution activities.

Micerium S.p.A. has been operating in the dental sector for more than four decades. Its activities include the design and manufacture of medical devices for the dental industry, as well as the distribution of dental devices and products under both third-party and proprietary brands.

Since 2012, the company has also designed and marketed oral hygiene products intended for both professionals and the general public, including cosmetic products.

Micerium S.p.A. operates through four main divisions: ***Implantology, Orthodontics, Aesthetics and Digital.***

Quality

Micerium S.p.A. has always regarded quality as its primary objective. All the product lines it distributes are internationally recognised for their innovation, reliability and high quality. For Micerium S.p.A., quality is a fundamental principle that guides every aspect of its business.

We define quality as the ability to provide customers with innovative products and services that consistently meet or exceed their expectations, while complying with all applicable regulatory requirements and ensuring the highest standards of safety and usability.

Our Quality Policy is continuously reviewed and updated to ensure its ongoing effectiveness and suitability, supporting the company's commitment to continuous improvement and customer satisfaction.



This commitment to excellence is demonstrated not only through the implementation and maintenance of an effective Quality Management System compliant with UNI EN ISO 9001, UNI CEI EN ISO 13485, Directive 93/42/EEC (in accordance with Article 120 of Regulation (EU) 2017/745), Regulation (EU) 2017/745 on Medical Devices (MDR), the General Safety and Performance Requirements (GSPR) set out in Annex I of the MDR, Regulation (EC) No. 1223/2009 on cosmetic products, and all other applicable regulatory requirements, including those of the countries participating in the Medical Device Single Audit Program (MDSAP), but also through the level of satisfaction achieved by its customers.

CERTIFICATE







Our History

1977 ***MICERIUM S.p.A.*** was founded by Dr. Jules Allemand and Mrs. Maria Picarelli as a small family business. Guided by their vision, the company introduced some of the most advanced and innovative dental products to the Italian market, providing dental professionals with high-quality materials and equipment.



1989 Micerium S.p.A. becomes the exclusive Italian distributor of *AMERICAN ORTHODONTICS (USA)*, a leading company in the orthodontic sector, offering a wide range of innovative products designed to meet the needs of the most demanding professionals.



1995 The ***ENAMEL PLUS*** aesthetic line, developed in collaboration with Dr. Lorenzo Vanini, establishes Micerium S.p.A. on international markets. Its innovative system, based on Dr. Lorenzo Vanini's layering technique, soon becomes a benchmark in the field of aesthetic composites.



2008 Micerium S.p.A. launches ***ENAMEL PLUS HRi***, the first and still the only composite in the world with the same refractive index as natural enamel.



2011 It becomes exclusive distributor for *OSSTEM IMPLANT-Korea*, the world's leading implant company with the most advanced technologies and offering some of the most innovative product lines on the market.



2012 Micerium enters the cosmetics and oral hygiene products market with the ***ENA ORAL CARE*** line, offering original and innovative products that achieved success in a short time due to their ability to fully meet customers' demands and needs



2013 The cooperation with Dr. Lorenzo Vanini and the University of Chieti, in the person of Prof. Camillo D'Arcangelo, gives birth to ***ENAMEL PLUS HRi FUNCTION***, the only composite with an abrasion index similar to natural enamel. Furthermore, Micerium S.p.A. starts dedicating itself to the orthodontic market of invisible aligners under the Micerium Lab brand.



2017 The development of ENAMEL PLUS HRi FUNCTION leads to the new biocompatible ***BIO FUNCTION*** composite. Meanwhile the orthodontic division started to sell the elastic orthodontic ***BIO ACTIVATOR A.M.C.O.P.*** for functional dental therapy.



2018 In its path of growth and development Micerium S.p.A. acquires ***SCHÜTZ DENTAL***, contributing to the completion of the laboratory Line, ensuring a high-quality digital workflow, for its customers, and of the ***IMPLANT LINE*** with the new developed best quality *SCHÜTZ DENTAL*.



2021 ***MICERIUM ORTHODONTICS*** was born, a complete orthodontic line of the highest quality. After 30 years of expertise and knowledge, Micerium S.p.A. decided to take on a challenge such as becoming a market player with a proprietary brand.





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website

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Aesthetics

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GRUPPO MICERIUM



Enamel plus HR*i* Bio Function

Highly biocompatible composite with mechanical and functional characteristics similar to natural enamel

Completely biocompatible to guarantee a perfect integration in harmony with the human body without releasing any toxic substances. High stability resin matrix and absence of nanoparticles in the debris generated by wear that could be absorbed by the body. The UDMA and TCDDMDMA innovative formula is Bis-GMA free, a monomer that may release bisphenol A (BPA), an organic compound that exhibits estrogenic properties in the human body causing health problems.

Characteristics

- Highly Biocompatible, does not contain Co-monomers nor Bis-GMA
- Similar abrasion to natural enamel
- Mechanical and functional characteristics similar to gold
- Ideal polishability and high gloss retention over time
- Ideal handling: it does not stick to the instrument
- Excellent sculptibility
- Suitable for direct and indirect technique
- High Radiopacity
- Contains Fluoride



Available shades:

3 enamels		9 dentines
BF1 >>>>	low value	BD0 - BD0,5 - BD1
BF2 >>>>	medium value	BD2 - BD3 - BD3,5
BF3 >>>>	high value	BD4 - BD5 - BD6

Physical data	MPa
Vickers Hardness	685
Flexural Strength	150
Modulus of elasticity	11.600
Compressive Strength	460

Physical data maintained till 4 mm of depth with LED light-curing unit (minimum power 1000 mW)







Clinical cases by Dr. Lorenzo Vanini




Initial case before rehabilitation




Final case after rehabilitation with direct technique in lower sector and indirect technique in upper sector






Direct composite restoration with dentine and enamel Enamel plus HRi Bio Function

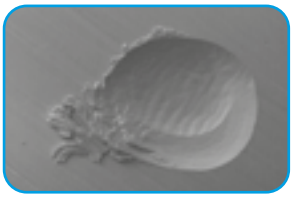


University of Chieti research by Prof. Camillo D'Arcangelo

Abrasion	Depth (mm)	Volume (mm³)
Natural enamel	0.216 (0.070)	0.404 (0.200)
Gold type III	0.219 (0.060)	0.328 (0.140)
Composite F* (enamel) light cured with Laborlux**	0.459 (0.068)	1.017 (0.239)
Composite F* (enamel) light cured with Led	0.464 (0.069)	0.972 (0.247)
Enamel plus HR*i* Bio Function light cured with Led	0.252 (0.059)	0.454 (0.057)
Enamel plus HR*i* Bio Function light cured with Laborlux**	0.212 (0.052)	0.375 (0.052)

Wear surfaces

After 120,000 cycles by two-body wear test in a dual axis chewing simulator 50x SEM images. The abrasion of Enamel plus HRi Bio Function is similar to gold and therefore to the natural enamel.



Gold



Enamel plus HRi Bio Function

* *reference composite selected after being identified as the best material tested during the preliminary phase*
** *curing unit for laboratory; it cures with heat (approx. 70°-80°C)*



Enamel plus HR*i* Bio Function Kit

Model	Ref.	Description	Q.ty
	CHR12	ENAMEL PLUS HR*i* BIO FUNCTION COMPLETE KIT including 12 syringes 5 g with holder 9 dentine: BD0, BD0,5, BD1 (A1), BD2 (A2), BD3 (A3), BD3,5 (A3,5), BD4 (A4), BD5, BD6 3 enamels: BF1, BF2, BF3	12 x 5 g
	CHR6BFD	ENAMEL PLUS HR*i* BIO FUNCTION TRIAL KIT including 6 syringes 2.5 g with holder 4 dentine: BD1 (A1), BD2 (A2), BD3 (A3), BD4 (A4) 2 enamels: BF2, BF3	6 x 2.5 g
	CR3FB	ENAMEL PLUS HR*i* BIO FUNCTION TRIAL KIT including 3 syringes 2.5 g 3 enamels: BF1, BF2, BF3	3 x 2.5 g
	CHR12T	ENAMEL PLUS HR*i* BIO FUNCTION COMPLETE KIT including 72 tips x 0.3 g (6 tips x 12 shades) 9 dentine: BD0, BD0,5, BD1 (A1), BD2 (A2), BD3 (A3), BD3,5 (A3,5), BD4 (A4), BD5, BD6 3 enamels: BF1, BF2, BF3	12 x 6 pcs
	CHR6BFDT	ENAMEL PLUS HR*i* BIO FUNCTION TRIAL KIT including 36 tips x 0.3 g (6 tips x 6 shades) 4 dentine: BD1 (A1), BD2 (A2), BD3 (A3), BD4 (A4) 2 enamels: BF2,BF3	6 x 6 pcs
	CSG12	ENAMEL PLUS HR*i* BIO FUNCTION SHADE GUIDE entirely made in composite; wedge-shaped to facilitate the chromatic effect verification of different thicknesses	12 shades

 # Colours A...- B...- C... - D3 are colours of Vita® shade guide.
Vita® is a registered trademark of Vita Zahnfabrik H. Rauter GmbH & Co. KG, Bad Säckingen - D



Bio Function Dentine

- Dentine with fluorescence and increased translucency calibrated to natural dentine
- Ultra-light Dentine: BD0 and BD0,5 for bleached teeth
- Ultra-dark dentine: BD5 and BD6 for cervical area and layering technique



Bio Function Enamels

- BF1 low value
- BF2 medium value
- BF3 high value

Enamel plus HRi Bio Function Refill

Ref.		Description	Type	Q.ty
CHRBF1 CHRTBF1	●	Enamel plus HRi Bio Function enamel BF1	Syringe Tips	5 g 12 x 0.3 g
CHRBF2 CHRTBF2	●	Enamel plus HRi Bio Function enamel BF2	Syringe Tips	5 g 12 x 0.3 g
CHRBF3 CHRTBF3	●	Enamel plus HRi Bio Function enamel BF3	Syringe Tips	5 g 12 x 0.3 g
CHRBD0 CHRTBD0	●	Enamel plus HRi Bio Function dentine BD0	Syringe Tips	5 g 12 x 0.3 g
CHRBD0,5 CHRTBD0,5	●	Enamel plus HRi Bio Function dentine BD0,5	Syringe Tips	5 g 12 x 0.3 g
CHRBD1 CHRTBD1	●	Enamel plus HRi Bio Function dentine BD1 (A1)	Syringe Tips	5 g 12 x 0.3 g
CHRBD2 CHRTBD2	●	Enamel plus HRi Bio Function dentine BD2 (A2)	Syringe Tips	5 g 12 x 0.3 g
CHRBD3 CHRTBD3	●	Enamel plus HRi Bio Function dentine BD3 (A3)	Syringe Tips	5 g 12 x 0.3 g
CHRBD3,5 CHRTBD3,5	●	Enamel plus HRi Bio Function dentine BD3,5 (A3,5)	Syringe Tips	5 g 12 x 0.3 g
CHRBD4 CHRTBD4	●	Enamel plus HRi Bio Function dentine BD4 (A4)	Syringe Tips	5 g 12 x 0.3 g
CHRBD5 CHRTBD5	●	Enamel plus HRi Bio Function dentine BD5	Syringe Tips	5 g 12 x 0.3 g
CHRBD6 CHRTBD6	●	Enamel plus HRi Bio Function dentine BD6	Syringe Tips	5 g 12 x 0.3 g
COSMTS		AUTOCLAVABLE SYRINGE FOR TIPS Facilitates the extrusion of composite		1 pc

● Enamel ● Dentine





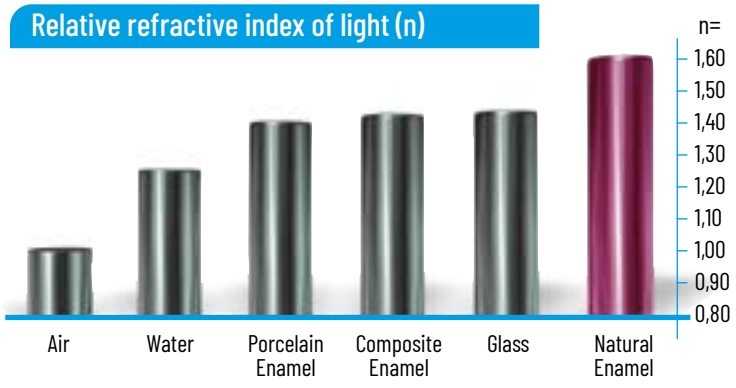


ENAMEL plus HRi®



Enamel plus HR*i*

THE PROBLEM: the refraction of composite & ceramic materials
THE SOLUTION: the same refractive index as natural enamel



The relative refractive indexes of common materials measured at a temperature of 20°C and with a 589 nm wavelength light indicates the deviation and speed reduction of the light that crosses a translucent area (Vanini Mangani Klimovskaia "Conservative Restoration of Anterior Teeth" Acme 2005)

HR*i*: the true enamel



HRi Enamel veneers showing natural effects

Application of dentine and opalescent OBN

Different thicknesses of Enamel plus HRi change in shade in the same manner as Natural Enamel would in the same thickness. Thickness of 0.6 mm allows ideal translucency

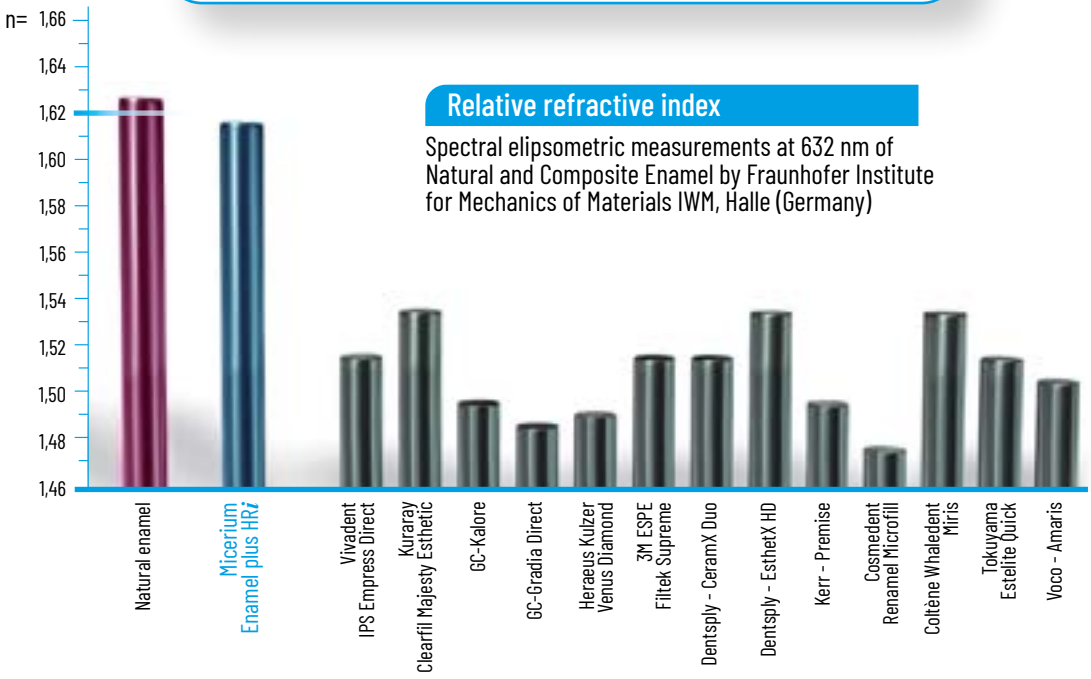
UE1 >>>> **low value** (amber)
UE2 >>>> **medium value**
UE3 >>>> **high value** (for children or bleached teeth)



"Glass Effect" lowers the value of the restoration with a grey halo on the margin (dark line)



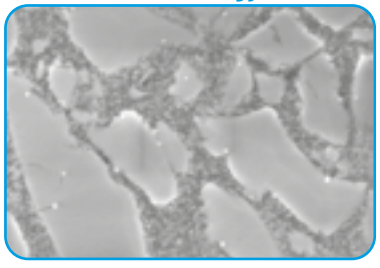
Invisible margins, in HRi restoration, using the same thickness of the natural enamel



Relative refractive index

Spectral elipsometric measurements at 632 nm of Natural and Composite Enamel by Fraunhofer Institute for Mechanics of Materials IWM, Halle (Germany)

Nanotechnology REM



Enamel plus HRi does not contain TEGDMA and HEMA!

Composition

FILLING (80% WEIGHT - 63% VOLUME)

- Surface-treated zirconium oxide with high refractive index (12% in weight)
- New type of filling glass with high refractive index (68% in weight)

Physical data	MPa
Vickers Hardness:	700
Flexural Strength:	170
Modulus of elasticity:	14.500
Compressive strength:	450
High radiopacity:	600%Al

For every type of direct or indirect restoration

The HRi project has been devised from Dr. L.Vanini and developed in collaboration with Dr. T. Niem (Patent Pending).

This project (HA-Project-Nr: 130/07-01) has received special funding from the State of Hessen, co-financed by funds of the European Union (European Social Fund - ESF) for scientific innovation and advancement.



Enamel plus HRi

Dentine

- Dentine: with fluorescence and increased translucency calibrated to natural dentine
- Ultra-light Dentine: UD0 and UD0,5 for bleached teeth

Additional shade

- Characterization and intensive effect created by intensive enamel (IM, IWS, IW) and opalescent amber (OA)
- Opalescent blue and amber enhanced by opalescent OBN for 'Master' Technique

Enamel

Universal (low, medium and high value) for anteriors

- Invisible margin thanks to high refraction index "no "glass effect" lowering the value of the restoration
- Opalescent effect blue and amber given by HRi Enamel (Transparency 30% until 0.8 mm)

Function (low, medium and high value)

- Low abrasion ideal for posteriors and for laboratory



Operating advantages: simple technique — Clinical cases by Dr. Lorenzo Vanini



"JUST ENAMEL" TECHNIQUE
using Enamel plus HRi universal enamel



"BASIC" TECHNIQUE
using Enamel plus HRi, dentine and enamel



"MASTER" TECHNIQUE
additional shades for opalescence, intensive and characterisation

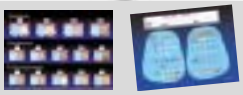






Enamel plus HR*i* Kit

ENAMEL plus HRi®

Model	Ref.	Description	Q.ty
	CHR15	ENAMEL PLUS HRI COMPLETE KIT including 15 syringes 5 g with holder 9 dentine: UD0, UD0,5, UD1 (A1), UD2 (A2), UD3 (A3), UD3,5 (A3,5), UD4 (A4), UD5, UD6 3 universal enamel: UE1, UE2, UE3 3 intensive enamel: White (IW), White Spot (IWS), Milky (IM) 2 opalescent enamel: Amber (OA), Blue Natural (OBN)	15 x 5 g 2 x 2.5 g
	CHR11	ENAMEL PLUS HRI INTRO KIT including 11 syringes 5 g with holder 7 dentine: UD0, UD1 (A1), UD2 (A2), UD3 (A3), UD4 (A4), UD5, UD6 3 universal enamel: UE1, UE2, UE3 1 intensive enamel: White Spot (IWS)	11 x 5 g
	CHR6*	ENAMEL PLUS HRI TRIAL KIT including 6 syringes 2.5 g with holder 4 dentine: UD1 (A1), UD2 (A2), UD3 (A3), UD4 (A4) 2 universal enamel: UE2, UE3	6 x 2.5 g
	CHR5B	ENAMEL PLUS HRI "BLEACH" KIT including 5 syringes 2.5 g with holder 4 dentine: UD0, UD0,5, UD1 (A1), UD2 (A2) 1 universal enamel: UE3	5 x 2.5 g
	PLEXI26D	Plexiglass syringe holder dark 26 holes	1 pc
	PLEXI9D	Plexiglass syringe holder dark 9 holes	1 pc
	CHR15T	ENAMEL PLUS HRI COMPLETE KIT TIPS including 90 tips x 0.3 g (6 tips x 15 shades) 9 dentine: UD0, UD0,5, UD1 (A1), UD2 (A2), UD3 (A3), UD3,5 (A3,5), UD4 (A4), UD5, UD6 3 universal enamel: UE1, UE2, UE3 3 intensive enamel: White (IW), White Spot (IWS), Milky (IM) 2 opalescent enamel (6 tips x 0.3g) : Amber (OA), Blue Natural (OBN)	15 x 6 pcs 2 x 3 pcs
	CHR11T	ENAMEL PLUS HRI COMPLETE KIT TIPS including 66 tips x 0.3 g (6 tips x 11 shades) 7 dentine: UD1 (A1), UD2 (A2), UD3 (A3), UD3,5 (A3,5), UD4 (A4), UD5, UD6 3 universal enamel: UE1, UE2, UE3 1 intensive enamel: White Spot (IWS)	11 x 6 pcs
	CHR6T*	ENAMEL PLUS HRI TRIAL KIT TIPS including 36 tips x 0.3 g (6 tips x 6 shades) 4 dentine: UD1 (A1), UD2 (A2), UD3 (A3), UD4 (A4) 2 universal enamel: UE2, UE3	6 x 6 pcs
	CHR5BT	ENAMEL PLUS HRI "BLEACH" KIT TIPS including 30 tips x 0.3 g (6 tips x 5 shades) 4 dentine: UD0, UD0,5, UD1 (A1), UD2 (A2) 1 universal enamel: UE3	5 x 6 pcs
	CSG15	ENAMEL PLUS HRI COMPLETE SHADE GUIDE entirely in composite; wedge-shaped to test the colour effect of different thicknesses	15 shades
	HFOMAP2	COLOUR CHART HR*i* for colour registration	50 sheets

** It is possible to replace UE3 with UE1 (Ref. CHR6B in syringe and Ref. CHR6BT in tips)*

ENAMEL plus HRi®



Enamel plus HR*i* Refill

Ref.	Description	Q.ty
CHREF1 CHRTEF1	HRi Function enamel EF1 HRi Tips enamel	5 g 12 x 0.3 g
CHREF2 CHRTEF2	HRi Function enamel EF2 HRi Tips enamel	5 g 12 x 0.3 g
CHREF3 CHRTEF3	HRi Function enamel EF3 HRi Tips enamel	5 g 12 x 0.3 g
CHRUE1 CHRTUE1	HRi Universal enamel UE1 HRi Tips enamel	5 g 12 x 0.3 g
CHRUE2 CHRTUE2	HRi Universal enamel UE2 HRi Tips enamel	5 g 12 x 0.3 g
CHRUE3 CHRTUE3	HRi Universal enamel UE3 HRi Tips enamel	5 g 12 x 0.3 g
CHRIW CHRTIW	HRi Intensive enamel White HRi Tips Intensive enamel	5 g 12 x 0.3 g
CHRIM CHRTIM	HRi Intensive enamel Milky HRi Tips Intensive enamel	5 g 12 x 0.3 g
CHRIWS CHRTIWS	HRi Intensive enamel White Spot HRi Tips Intensive enamel	5 g 12 x 0.3 g
CHFOA CHFTOA	HRi Opalescent enamel Amber HRi Tips Opalescent enamel	5 g 12 x 0.3 g
CHFOBN CHFTOBN	HRi Opalescent enamel Blue Natural HRi Tips Opalescent enamel	5 g 12 x 0.3 g

Ref.	Description	Q.ty
CHRUD0 CHRTUD0	HRi syringe dentine UD0 HRi dentine tips	5 g 12 x 0.3 g
CHRUD0,5 CHRTUD0,5	HRi syringe dentine UD0,5 HRi dentine tips	5 g 12 x 0.3 g
CHRUD1 CHRTUD1	HRi syringe dentine UD1 (A1) HRi dentine tips	5 g 12 x 0.3 g
CHRUD2 CHRTUD2	HRi syringe dentine UD2 (A2) HRi dentine tips	5 g 12 x 0.3 g
CHRUD3 CHRTUD3	HRi syringe dentine UD3 (A3) HRi dentine tips	5 g 12 x 0.3 g
CHRUD3,5 CHRTUD3,5	HRi syringe dentine UD3,5 (A3,5) HRi dentine tips	5 g 12 x 0.3 g
CHRUD4 CHRTUD4	HRi syringe dentine UD4 (A4) HRi dentine tips	5 g 12 x 0.3 g
CHRUD5 CHRTUD5	HRi syringe dentine UD5 HRi dentine tips	5 g 12 x 0.3 g
CHRUD6 CHRTUD6	HRi syringe dentine UD6 HRi dentine tips	5 g 12 x 0.3 g



Function enamel / Universal HR*i* · Intensive · Dentine · Opalescent

B1-B2-B3-B4-C1-C2-C3-C4-D3 shades available on request (colours of Vita® shade guide).
Vita® is a registered trademark of Vita Zahnfabrik H. Rauter mbH & Co. KG, Bad Säckingen - D)

Enamel plus HFO

"HFO" the classical composite for direct and indirect aesthetic reconstructions

- Fluorescent dentine calibrated to the natural tooth
- Generic Enamels: three values to reproduce elderly (GE1), adult (GE2) and young (GE3) teeth
- Opalescent and Intensive enamels for reproducing opalescent and characterisation of the natural enamel



Ref.	Description	Q.ty
CHF15*	ENAMEL PLUS HFO COMPLETE KIT including: 15 syringes 5 g with holder 7 dentine: UD1 (A1#), UD2 (A2#), UD3 (A3#), UD3,5 (A3,5#), UD4 (A4#), UD5, UD6 3 generic enamel: GE1, GE2, GE3 3 opalescent enamel: OBN, OA, OW 2 intensive enamel: White (IW), Milky (IM)	15 x 5 g
CHF7*	ENAMEL PLUS HFO TRIAL KIT including: 7 syringes 2.5 g with holder 4 dentine: UD2 (A2#), UD3 (A3#), UD4 (A4#), UD5 2 generic enamel: GE2, GE3 1 opalescent enamel: OBN	7 x 2.5 g

** Available also in unidose Tips Kit (Ref. CHF15T) and 12 pcs refill (Ref. CHFTGE1, CHFT...)*
 # Colours A...- B...- C... - D3 are colours of Vita® shade guide.
Vita® is a registered trademark of Vita Zahnfabrik H. Rauter GmbH & Co. KG, Bad Säckingen - D

Ref.	Description	Q.ty
CHFGE1*	HFO generic enamel GE1	5 g
CHFGE2*	HFO generic enamel GE2	5 g
CHFGE3*	HFO generic enamel GE3	5 g
CHFOW*	HFO opalescent enamel White	5 g
CHFOG	HFO opalescent enamel Gray	5 g
CHFOA*	HFO opalescent enamel Amber	5 g
CHFOBN*	HFO opalescent enamel Natural Blue	5 g
CHFIM*	HFO intensive enamel Milky	5 g
CHFIW*	HFO intensive enamel White	5 g
CHFUD1*	HFO dentine UD1 (A1#)	5 g
CHFUD2*	HFO dentine UD2 (A2#)	5 g
CHFUD3*	HFO dentine UD3 (A3#)	5 g
CHFUD3,5*	HFO dentine UD3,5 (A3,5#)	5 g
CHFUD4*	HFO dentine UD4 (A4#)	5 g
CHFUD5*	HFO dentine UD5	5 g
CHFUD6*	HFO dentine UD6	5 g
COSHFOB1	HFO dentine B1#	5 g
COSHFOB2	HFO dentine B2#	5 g
COSHFOB3	HFO dentine B3#	5 g
COSHFOB4	HFO dentine B4#	5 g
COSHFOC1	HFO dentine C1#	5 g
COSHFOC2	HFO dentine C2#	5 g
COSHFOC3	HFO dentine C3#	5 g
COSHFOC4	HFO dentine C4#	5 g
COSHFOD3	HFO dentine D3#	5 g

Syringe/Tips heater

Ena Heat Composite Heating Conditioner CHC3

It warms up the composite at the temperature of approx. 39°C, making the material more flowable and reducing the stress in the extrusion from the syringe and stratification phases. In this way, this reduces the risk of separation between the matrix and the filler, it improves the biomechanical characteristics of the composite and it avoids bubbles. It is possible to regulate the temperature at 55°C to obtain even more flowable material for cementation. With 6 spaces for syringes and 4 spaces for tips. Also for warming up sodium hypochlorite and anaesthetic.



Ref.	Description	Q.ty
CHC3	COMPOSITE HEATING CONDITIONER ENA HEAT 110-240 V, 50-60 Hz, 0.5 A, 500 mA Allows the composite to be used at the ideal temperature of 39°C for modelling and 55°C for cementation	1 pc

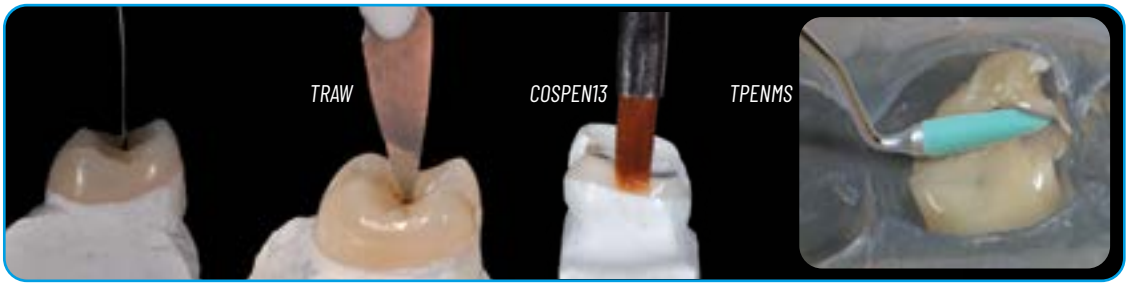


Enamel plus Stain & Instruments

Fluorescent Composite Stains

Unique fluorescent stains used for characterisation in both the dental practice and laboratory. Due to high fluorescence, they naturally integrate with the natural tooth. Stains can be used alone or mixed with the composite without changing its fluorescent characteristics.

Composite Application with Micerium Instruments



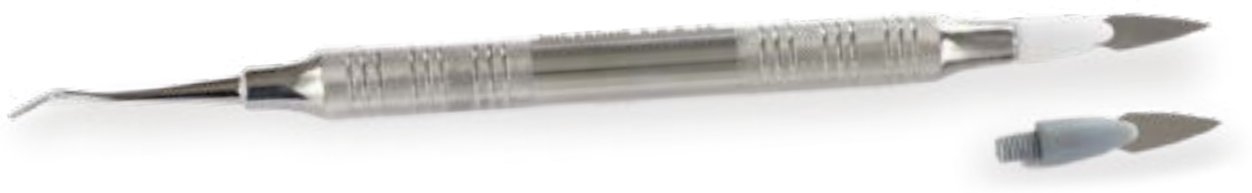
Flexible silicone spatulas are suitable for all uses. Composite quickly spreads evenly and without bubbles.



Enamel plus Stain & Instruments

ENAMEL plus Stain

Model	Ref.	Description	Q.ty
	COSSTAINKIT	ENAMEL PLUS STAIN KIT Fluorescent stains in syringe: white, yellow, orange, blue, brown, dark brown 6 Brushes (2 type C - 2 type F - 2 type M)	6 x 2 g
	COSSTAIN1N	White stain refill	2 g
	COSSTAIN3N	Blue stain refill	2 g
	COSSTAIN4N	Brown stain refill	2 g
	COSSTAIN5N	Dark brown stain refill	2 g
	COSSTAIN6N	Black stain refill	2 g
	COSSTAIN7N	Yellow stain refill	2 g
	COSSTAIN8N	Orange stain refill	2 g
	COSSTAINT	Transparent stain refill	2 g
	COSSTAIN01	Mixing palette with cover to facilitate composite modelling	1 pc
	COSPEN11	Brush C for stains	1 pc
	COSPEN12	Brush F for fossa	1 pc
	COSPEN13	Brush M for manipulation	1 pc
	TPENS	Soft white silicone brush with small tip for composite handling	5 pcs
	TPENMC	Silicone brush blue tip with metal handle 45°/45° sterilizable for composite handling	5 pcs 1 pc
	TPENMS	Silicone brush blue tip with metal handle 90°/180° sterilizable for composite handling	5 pcs 1 pc
	TPENMP	Silicone brush blue tips refill	5 pcs
	TLV1	Composite application instrument for anteriors including: 1 fixed spatula 1 grey extra flexible spatula 1 white flexible spatula	3 pcs
	TLV2	Composite application instrument for posteriors	1 pc
	TRAW	White flexible tip	2 pcs
	TRAG	Grey ultra flexible tip	2 pcs





Enamel plus HR*i* Flow

New Highly Fluorescent "Flow^{HF}"

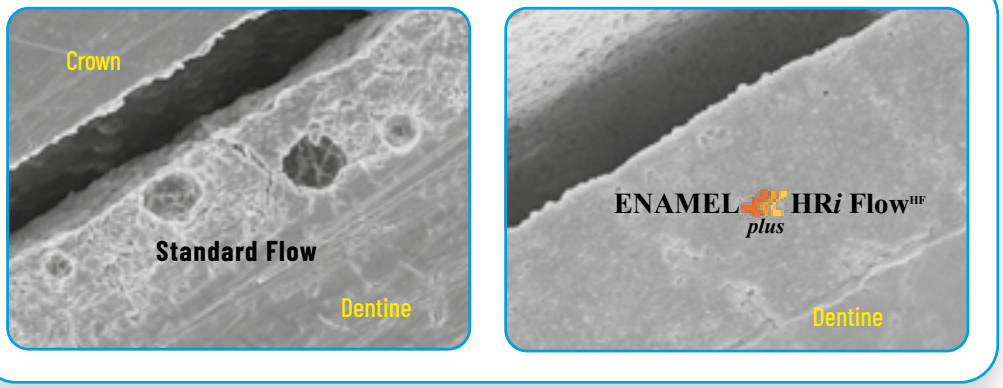
Material to be used as an underlay in posteriors for direct and indirect restorations (before taking the impression) and in anteriors in Class V. Biocompatible: Bis-GMA-free formula: monomer that can liberate Bisphenol-A (BPA) an organic compound, which, in the human body, behaves like estrogen which may have adverse health effects.

- Highly filled
- Higher viscosity and elasticity
- Higher radiopacity and high physical properties
- Bubble-free

PHYSICAL PROPERTIES

	FILLER (WEIGHT %)	VICKERS HARDNESS MPa	YOUNG'S MODULUS MPa	FLEXURAL STRENGTH MPa	COMPRESSIVE STRENGTH MPa	RADIOPACITY
Flow HF	77	770	13485	148	394	210% Al
Standard Flow	55	350	6000	120	350	30% Al

Microscope analysis



Enamel plus HR*i* Flow

Model	Ref.	Description	Q.ty
	CHR1F	ENAMEL PLUS HRI FLOW INTRO KIT Including 7 x 2 g syringes with holder 7 dentine: UD1 (A1*), UD2 (A2*), UD3 (A3*), UD3,5 (A3,5*), UD4 (A4*), UD5, UD6 Black tips ø 1,2 mm	7 x 2 g 25 pcs
	CHRFUD0	HRi Flow UD0 refill + 3 tips	2 g
	CHRFUD0,5	HRi Flow UD0,5 refill + 3 tips	2 g
	CHRFUD1	HRi Flow UD1 (A1*) refill + 3 tips	2 g
	CHRFUD2	HRi Flow UD2 (A2*) refill + 3 tips	2 g
	CHRFUD3	HRi Flow UD3 (A3*) refill + 3 tips	2 g
	CHRFUD3,5	HRi Flow UD3,5 (A3,5*) refill + 3 tips	2 g
	CHRFUD4	HRi Flow UD4 (A4*) refill + 3 tips	2 g
	CHRFUD5	HRi Flow UD5 (A5*) refill + 3 tips	2 g
	CHRFUD6	HRi Flow UD6 (A6*) refill + 3 tips	2 g
	CHRF25	Tips Flow ø 1.2 mm	25 pcs
	PLEXI11	Plexiglass holder for 11 Flow syringes	1 pc



Enamel plus HFO Flow

Low viscosity flowable composite



Ref.	Description	Q.ty
CHF1F	ENAMEL PLUS HFO FLOW INTRO KIT Including 7 x 2 g syringes with holder 7 dentine shades in 2 g syringes: UD1 (A1*), UD2 (A2*), UD3 (A3*), UD3,5 (A3,5*), UD4 (A4*), UD5, UD6 Black tips ø 0.8 mm	7 x 2 g 25 pcs
CHFFUD1	HFO Flow UD1 (A1) refill + 3 tips	2 g
CHFFUD2	HFO Flow UD2 (A2) refill + 3 tips	2 g
CHFFUD3	HFO Flow UD3 (A3) refill + 3 tips	2 g
CHFFUD3,5	HFO Flow UD3,5 (A3,5) refill + 3 tips	2 g
CHFFUD4	HFO Flow UD4 (A4) refill + 3 tips	2 g
CHFFUD5	HFO Flow UD5 (A5) refill + 3 tips	2 g
CHFFUD6	HFO Flow UD6 (A6) refill + 3 tips	2 g
CHFF25	Black tips ø 0.8 mm	25 pcs

** Colours A...- B...- C... - D3 are colours of Vita® shade guide.*
Vita® is a registered trademark of Vita Zahnfabrik H. Rauter GmbH & Co. KG, Bad Säckingen - D

Glass Connector

Highly flowable body with high elasticity and calibrated light diffusion that reproduces the protein layer of the natural tooth

- Increases the internal light diffusion in direct and indirect restorations, reducing the decrease in value typical of the vitreous masses (no need with HRi Universal Enamel).
- Increases the dentine fluorescence of non-vital teeth.



Ref.	Description	Q.ty
COSHFOFGC	Enamel plus HFO Glass Connector + 3 tips	1 g



ENA® CEM HV

AESTHETIC SYSTEM FOR VENEER CEMENTATION

PREMIUM QUALITY BPA FREE PERFECT CHOICE



Ena Cem HV

For the cementation of aesthetic veneers, from provisional to definitive restorations

It is a light-curing, high viscosity, flowable composite, developed by Dr. Lorenzo Vanini, which enhances the aesthetics of ceramic and composite veneers. The high viscosity and the high thixotropy guarantee a perfect handling for an easy application and excess removal.

Characteristics

- High viscosity (600 Psa)
- Highly filled (80% in weight)
- Bis-GMA free
- Fluorescent
- Radiopaque

Advantages

- High physical properties
- Easy application
- Easy excess removal
- Minimum thickness 26 µm
- Completely biocompatible
- Highly aesthetic

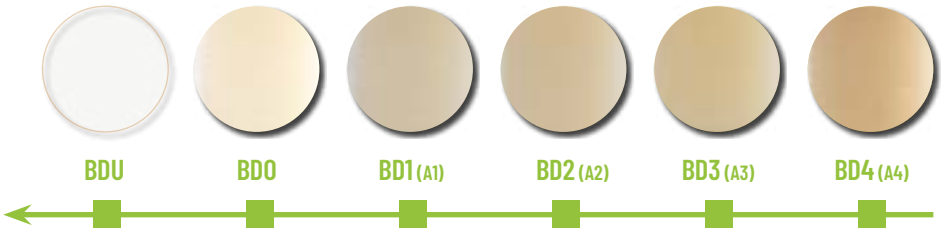
PRODUCT	THICKNESS MPa (FORCE 35 N)	VICKERS HARDNESS MPa	YOUNG MODULUS MPa	FLEXURAL STRENGTH MPa	COMPRESSIVE STRENGTH MPa	FILLER (WEIGHT)
Ena Cem HV	26	941	14.900	154	410	80%
Dual/Light curing Flow Cement	28/55	270	5471	88	216	63%
High viscosity composite	> 500	600/700	8000/11000	140	400	75%

Ingredients:

- Glass powder, diurethane dimethacrylate, silicon dioxide, tetramethylene dimethacrylate
- Filler content: 80% in weight of inorganic filler (0.005 - 40 µm)

Available in 5 fluorescent dentine shades and 1 transparent universal

Guaranteed to give perfect chromatic adaption and luminosity to highly aesthetic veneers in ceramic and composite





Clinical case by Dr. Lorenzo Vanini



"Spot" etching and application of Ena Bond Seal for temporary cementation



Application of Ena Soft Flow for temporary cementation



Light curing for 60 seconds



1 week later: the temporary is fully integrated and healthy tissues



Application of Ena Cem Try-in gel in the ceramic veneers for the colour preview



Cementation of veneers: adhesive phase with Ena Bond for 40 seconds



Application of Ena Cem[HV], after sandblasting, etching, silanizing and application of Ena Bond Seal



Ceramic veneers after cementation





Ref.	Description		Q.ty
CPCBDK	KIT ENA CEM[HV] Dentine BD1 (A1*) Dentine BD2 (A2*) Dentine BD3 (A3*) Ena Soft Flow		 2 g 2 g 2 g 1 g
CPCBD0	Ena Cem[HV] dentine BD0	NEW	2 g
CPCBD1	Ena Cem[HV] dentine BD1 (A1*)		2 g
CPCBD2	Ena Cem[HV] dentine BD2 (A2*)		2 g
CPCBD3	Ena Cem[HV] dentine BD3 (A3*)		2 g
CPCBD4	Ena Cem[HV] dentine BD4 (A4*)		2 g
CPCBDU	Ena Cem[HV] transparent universal	NEW	2 g

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NEW COLOR



Ref.	Description		Q.ty
CPCTK	KIT ENA CEM TRY-IN Ena Cem TRY-IN colour UD1 Ena Cem TRY-IN colour UD2 Ena Cem TRY-IN colour UD3 Ena Cem TRY-IN colour UD4 Tips for application CHFF25		 2 g 2 g 2 g 2 g 25 pcs
CPCTUD0	Ena Cem TRY-IN colour UD0 (BD0)	NEW	2 g
CPCTUD1	Ena Cem TRY-IN colour UD1 (BD1)		2 g
CPCTUD2	Ena Cem TRY-IN colour UD2 (BD2)		2 g
CPCTUD3	Ena Cem TRY-IN colour UD3 (BD3)		2 g
CPCTUD4	Ena Cem TRY-IN colour UD4 (BD4)		2 g
CPCTUT	Ena Cem TRY-IN transparent universal	NEW	2 g

Ena® Soft Flow

Light-curing temporary dental filling material

Ena Soft Flow is an elastic material for dental temporary restorations. It offers the advantage of being easily removable in one piece without damaging the preparation. Ena Soft Flow is suitable also for long term temporaries because it perfectly maintains the shape of the tooth. It can be used also for luting temporary veneers.

Technical & operative advantages

- Ideal for temporary veneer cementation
- Easy to apply: it doesn't stick to the instrument
- It seals the temporary veneers remaining soft
- It can be removed without any residue
- High physical properties (flexural strength 154 MPa)



Application of Ena Soft Flow by Dr. Lorenzo Vanini



Application of Ena Soft Flow for temporary cementation



Light curing for 60 seconds



Preparation after temporary removal

Ref.	Description	Q.ty
EHTSF	Ena Soft Flow colour dentine	3 g

Ena® Soft

Light-curing composite for temporary restorations

ENA Soft is an elastic material for temporary restorations. It has advantages of easy removal in one piece without damage to preparation. ENA Soft is suitable also for long-term temporaries because it perfectly maintains the shape of tooth. It can be used to protect implant screws.

Advantages

- Simple to apply: not sticky
- Easy to remove in one piece
- Suitable for inlay & onlay
- Strong and long lasting fillings
- Easy to remove from implant screws
  (NB: Ena Soft Flow is not suitable for implants)
- BIS-GMA free



Ref.	Description	Q.ty
EHTS2	ENA SOFT colour dentine	5 g

Application of Ena Soft





Temporary fillings for inlay & onlay





Implant screw-access fillings

Ena® Etch Porcelain Cementation & Repair

Ceramic repairs and cementation with hydrofluoric acid and silane

Silane ideal for increasing the bond between organic resins and the etched surface of porcelain.
Hydrofluoric acid 9.6% etchant for porcelain veneers and inlays before cementation with composite cements and for fractured porcelain surfaces.

Ref.	Description	Q.ty
COSM661	MICERIUM CERAMIC REPAIR KIT	
	Hydrofluoric acid 9.6% for ceramic	3 ml
	Silane porcelain Primer	3 ml
COSZ15	Hydrofluoric acid acid 9,6% for ceramic	3 ml
COSZ25	Silane porcelain Primer	3 ml
COSM3T	Tips for acid syringes	25 pcs



Tender Repair

Ceramic repair without acid

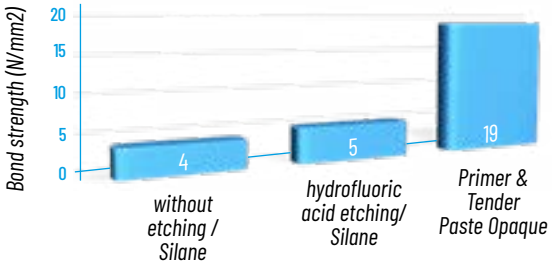
Characteristics

- Higher Biocompatibility
- No risk to soft tissues
- Higher adhesion



Ref.	Description	Q.ty
COSRIP1	TENDER REPAIR KIT CERAMIC & METAL	
	Tender Bond metal ceramic primer	2.5 ml
	Tender paste Opaque Light for metal	3 g
	Tender paste Opaque Clear for ceramic	3 g
	Enamel plus M brush	1 pc
COSRIP2	TENDER REPAIR KIT CERAMIC	
	Tender Bond metal ceramic primer	2.5 ml
	Tender paste Opaque Clear for ceramic	3 g
	Enamel plus M brush	1 pc
ETBOND	Tender metal primer ceramic	5 ml
ETOL	Tender paste Opaque Light for metal	3 g
ETOCLEAR	Tender paste Opaque Clear for ceramic	3 g

Comparison of different ceramic repair systems





Enamel plus Shiny

Micerium provides everything needed for finishing and polishing of direct aesthetic restorations, laboratory veneers, inlays and crowns made in composite.

The system includes

- Diamond paste:
  SHINY A 3µm, SHINY B 1µm
- Aluminium oxide paste SHINY C
- Air Block SHINY G
- Brushes and felts SHINY S, SHINY F
- Pre-polishing rubber points
  SHINY14 & SHINY33
- Finishing accessories

Surface morphology correction



Finishing and polishing: Shiny14 silicon rubber point, Shiny A 3µ and Shiny B 1µ diamond paste with brushes



Aluminium oxide paste Shiny C with felt wheel; restoration finished and polished under direct light (left) and under polarized light (right)

Surface treatment	Vickers Hardness	Deviation
Enamel plus HRi microhybrid	55	1,2
HRi microhybrid (a.b.+d.p.)	+10%	0,8
Microfill	18-30	4

Surface treatment: Vickers hardness and its deviation from standard values (a.b.=Air Block • d.p.= Diamond Paste).



Enamel plus Shiny Kit

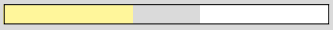
Model	Ref.	Description	Q.ty
	COSSHINYKIT	**SHINY FINISHING KIT**	
		Diamond paste SHINY A 3 micron	2 g
		Diamond paste SHINY B 1 micron	2 g
		Shiny paste SHINY C	35 g
		Air Block SHINY G	7 tips
		SHINY Burs	4 pcs
		Goat hair brushes RA Shiny S/SS	3 pcs
		SHINY 4... brush for posteriors	3 pcs
		SHINY Strips (diamond 5...)	4 pcs
		SHINY Strips (abrasive SM/SF)	16 pcs
		SHINY Discs	12 pcs
		Felt wheel SHINY F	10 pcs
		Silicon Rubber point SHINY 14	2 pcs
		Mandrel RA	2 pcs
	COSSHINY+G	**SHINY POLISHING PASTE KIT**	
		Diamond paste SHINY A 3 micron	2 g
		Diamond paste SHINY B 1 micron	2 g
		Shiny paste SHINY C	35 g
		Goat hair brushes RA Shiny S/SS	3 pcs
		Felt wheel SHINY F	6 pcs
		Mandrel RA	1 pc
		Air Block SHINY G	2 tips
		Silicon Rubber point SHINY 14	1 pc
		SHINY 4... brush for posteriors	2 pcs
		SHINY Strips (diamond 5...)	4 pcs
		SHINY Strips (abrasive M...)	4 pcs
	COSSHINY-Y+G	**SHINY POLISHING PASTE MINI KIT**	
		Diamond paste SHINY A 3 micron	0.5 g
		Diamond paste SHINY B 1 micron	0.5 g
		Shiny paste SHINY C	4 g
		Goat hair brushes RA Shiny S/SS	2 pcs
		Felt wheel SHINY F	2 pcs
		Mandrel RA	1 pc
		Air Block SHINY G	2 tips
		Silicon Rubber point SHINY 14	1 pc
		SHINY 4... brush for posteriors	1 pc
		SHINY Strips (diamond 5...)	2 pcs
		SHINY Strips (abrasive M...)	2 pcs
	TSY	**SHINY FINISHING KIT FOR LABORATORY**	
		Diamond paste SHINY A	0.5 g
		Diamond paste SHINY B	0.5 g
		Shiny paste SHINY C	4 g
		Air Block SHINY G	1 pc
		Goat hair brush Shiny S-HP	1 tip
		Felt Shiny FHP	1 pc
		Carbide bur FG	1 pc
		Green carborundum bur HP	1 pc
		Diamond burs HP (D717-D725-D727)	3 pcs
		Diamond disc 2 sides 0.15 mm D751	1 pc



Enamel plus Shiny Refill

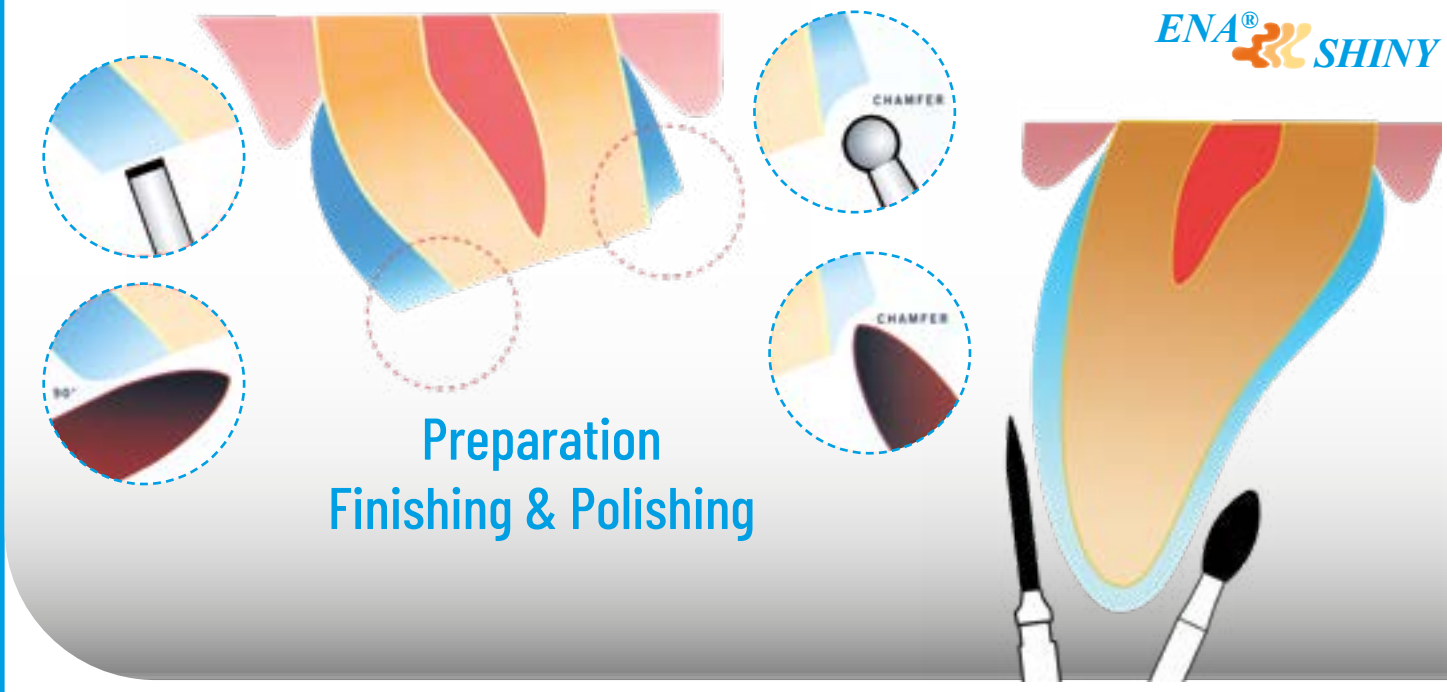
Model	Ref.	Description	Q.ty
	COSSHINYG7	SHINY G glycerine Air Block in tips 0.5 ml	7 pcs
	COSSHINYG	SHINY G glycerine Air Block in syringe	2 ml
	COSSHINYG10	SHINY G glycerine Air Block in syringe	10 ml
	COSSHINYA	SHINY A 3 micron Diamond paste for pre-polishing to be used with Shiny S	2 g
	COSSHINYB	SHINY B 1 micron Diamond paste for polishing to be used with Shiny S	2 g
	COSSHINYC	SHINY C aluminium oxide paste for shiny to be used with Shiny F	35 g
	COSSHINYS	SHINY S goat brush wheel RA	12 pcs
	COSSHINYSHP	SHINY SHP goat brush wheel HP	12 pcs
	CSS	SHINY SS goat brush wheel RA Mini for posterior	12 pcs
	COSSHINYF	SHINY F felt wheel 2 mm to be used with COSSHINY6	30 pcs
	CSF	SHINY SF cotton felt wheel RA (17 x 10 mm)	12 pcs
	COSSHINYFHP	SHINY FHP felt wheel	12 pcs
	COSSHINY13	SHINY 13 rubber point for pre-polishing RA	12 pcs
	COSSHINY33	SHINY 33 brown rubber point RA	12 pcs
	CS014	SHINY 14 Silicon Rubber point for pre-polishing composite RA	6 pcs
	COSSHINY15	SHINY 15 Diamond rubber for polishing composite	3 pcs

Enamel plus Shiny Refill

Model	Ref.	Description	Q.ty
	COSSHINY18	Diamond Polisher Wheels Pink medium	3 pcs
	COSSHINY28	Diamond Polisher Wheels Gray Fine	3 pcs
	CS041	SHINY 41 Impregnated Brush for posteriors "Point"	6 pcs
	CS042	SHINY 42 Impregnated Brush for posteriors "Mini Cup"	6 pcs
	CS043	SHINY 43 Impregnated Brush for posteriors "Cup"	6 pcs
	COSSHINY6	SHINY Mandrel for felt wheels	6 pcs
	COSSHINYFM	SHINY Mandrel for discs	1 pc
	COSSHINYDF	SHINY DISCS extra fine white grain ø 9.5 mm	100 pcs
	COSSHINYDX	SHINY DISCS fine yellow grain ø 9.5 mm	100 pcs
	COSSHINYDM	SHINY DISCS medium green grain ø 9.5 mm	100 pcs
	COSSHINYDC	SHINY DISCS coarse blue grain ø 9.5 mm	100 pcs
	COSSHINYSF	SHINY STRIPS ABRASIVE fine (yellow) extrafine (white) grain 4 mm	100 pcs
	COSSHINYSFS	SHINY STRIPS ABRASIVE fine-extra fine narrow grain 2 mm	100 pcs
	COSSHINYSM	SHINY STRIPS ABRASIVE medium-coarse narrow grain 4 mm	100 pcs
	COSSHINYSMS	SHINY STRIPS ABRASIVE medium-coarse narrow grain 2 mm	100 pcs
	COSSHINY25	Tips ø 0.9 mm for Glycerine & Flow	25 pcs
	CS050-2R	Diamond strips 120 mm x 2 mm fine red	5 pcs
	CS050-2Y	Diamond strips 120 mm x 2 mm extra fine yellow	5 pcs
	CS050-4R	Diamond strips 120 mm x 4 mm fine red	5 pcs
	CS050-4Y	Diamond strips 120 mm x 4 mm extra fine yellow	5 pcs







Ena® Shiny Bur Kits by Dr. Lorenzo Vanini

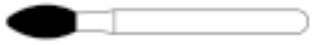
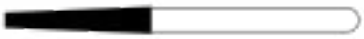
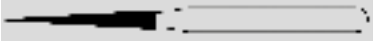
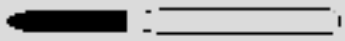
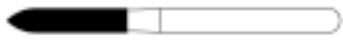
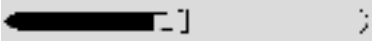
Preparation kit designed specifically for composite preparation, finishing and polishing

All the instruments in these kits are available individually, as shown in the table.

Model	Ref.	Description	Q.ty
	CS1LV	**PREPARATION FINISHING & POLISHING KIT ANTERIOR DIRECT COMPOSITE**	
		Diamond Burs Shiny FG	12 pcs
		Round Carbide Bur Shiny RA	2 pcs
		30 blades Carbide Bur FG	1 pc
		Carborundum mounted point RA (CS21)	1 pc
		Brown & grey diamond rubber points Shiny RA	2 pcs
		Goat hair brush RA	1 pc
		Felt wheel RA	1 pc
		Air Block glycerine Shiny G	1 tip
		Polishing pastes Shiny A, B, C	
	CS2LV	**PREPARATION FINISHING & POLISHING KIT POSTERIOR DIRECT & INDIRECT COMPOSITE**	
		Diamond Burs Shiny FG	16 pcs
		Round Carbide Bur Shiny RA	2 pcs
		Brown & grey diamond rubber points Shiny RA	2 pcs
		Goat hair brush RA	1 pc
		Felt wheel RA	1 pc
		Air Block glycerine Shiny G	1 tip
		Polishing pastes Shiny A, B, C	

Ena Shiny Refill

ENA® SHINY

Shape	Fine / X-Fine	Medium / Coarse	Q.ty°	Kit Content CS1LV	CS2LV	CS3LV*	CS4LV*
	CS368514025	CS368524025	5 pcs	●	● ○	● ○	
	CS390504016	-	5 pcs		●		
	CS801514012	CS801524012	5 pcs	● ○		● ○	
	CS801514014	CS801524014	5 pcs	● ○			
	CS801514016	CS801524016	5 pcs				
	CS811504040	CS811534040	5 pcs		● ●		
	CS811514037	CS811524037	5 pcs				● ○
	CS839514012	CS839524012	5 pcs	● ○			
	CS839514014	CS839524014	5 pcs	● ○			
	CS839514016	CS839524016	5 pcs				● ○
	CS847514016	CS847524016	5 pcs				● ○
	CS847R514016	CS847R524016	5 pcs			●	
	CS848514012	CS848524012	5 pcs				
	CS848514018	CS848524018	5 pcs				● ○
	CS849514012	CS849524012	5 pcs		● ○		
	CS849514016	CS849524016	5 pcs		● ○		
	CS850514016	CS850524016	5 pcs			○	
	CS850514018	CS850524018	5 pcs				● ○
	CS853514008	-	5 pcs	●	●		
	CS855514014	CS855524014	5 pcs		● ○		
	CS856504018	CS856534016	5 pcs		● ●		
	CS859504014	CS859534012	5 pcs		● ●		
	CS861514012	CS861524012	5 pcs	● ○			
	CS878514012	CS878524012	5 pcs				● ○
	CS878514016	CS878524016	5 pcs				● ○
	CS879514012	CS879524012	5 pcs				● ○
	CS879514016	CS879524016	5 pcs				● ○
	Tungsten	CS1S014	3 pcs	●	●		
	Tungsten	CS1S018	3 pcs	●	●		
	Tungsten	CS9904	3 pcs	●			
Rubber point, brushes, felt and carborundum stone				○ ○ ● ○ ○	○ ● ○ ○	●	●

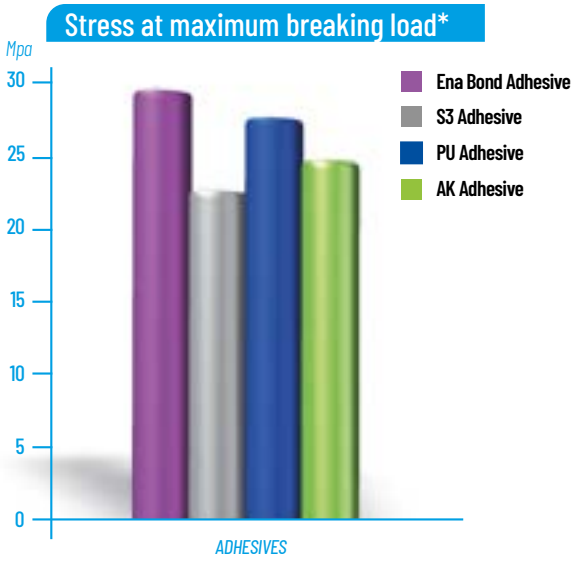
15 µm ● 40 µm ○ 80-100 µm ● 130 µm ● Carbide bur ○ Carborundum ○ Shiny 15 ● Shiny 33 ○ Shiny S ○ Shiny F

** The CS3LV and CS4LV kits are discontinued. Refills available until stock lasts. ° The 3-piece packs are being phased out and will subsequently be replaced by 5-piece packs.*

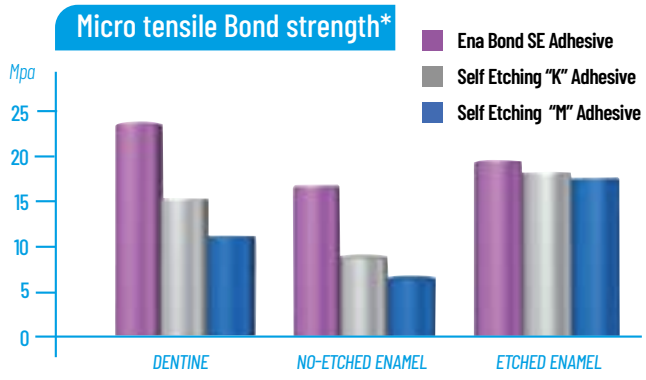


Adhesive System Ena Bond

One-Bottle: V generation adhesive. Ena Bond is used with Etch & Rinse technique and applied at least in two layers after etching with Ena Etch.
Two-Bottle: IV generation adhesive. Using Ena Bond as a Primer, after etching with Ena Etch, and Ena Bond Seal as a second layer of unfilled adhesive resin, you can get excellent adhesion results and a perfect seal, converting Ena Bond into a Two-Bottle adhesive system.
Self Etching: Bond strength values above the industry average.



** Test made by University of Chieti - Prof. Camillo D'Arcangelo - Dr. Tonino Traini, in comparison with three other adhesive systems (see diagram)*



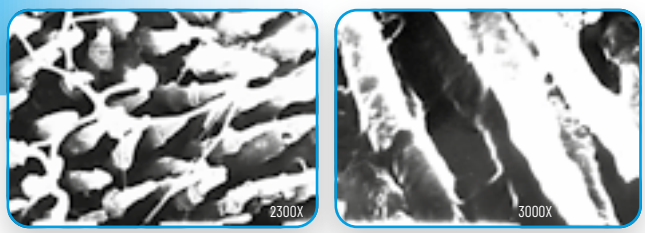
** Comparison of the adhesion data of Ena Bond SE with two other self-etching adhesive systems with Primer University of Chieti (Prof. Camillo D'Arcangelo)*

Bonding System

ENA bond

1 ONE-BOTTLE ETCH & RINSE

- Aesthetics & retention
- Fluorescent like natural tooth
- Special ethanol-based composition
- Available catalyst allowing use with dual composites
- Bonding values above the market average: 30 MPa





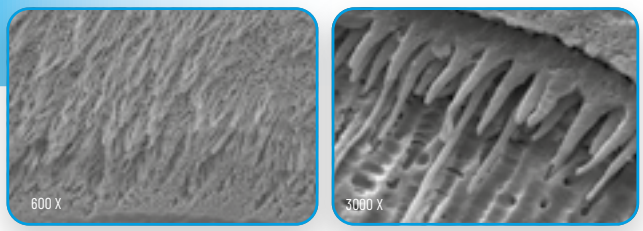
Microscope scanning of one bottle bonding 2300x and 3000x. The detail evidences the high penetration of dentine enamel bonding into the dentinal tubules (Prof. Vasilios Kaitsas).

2 TWO-BOTTLE ETCH & RINSE

IV Generation Primer+Resin Adhesive
Using Ena Bond as a Primer, after etching with Ena Etch, and Ena Bond Seal as a second layer of unfilled adhesive resin, you can get excellent adhesion results and a perfect seal, converting Ena Bond into a Two-Bottle adhesive system.

- Excellent adhesion values* - 24 MPa on dentine*

** Test made by University of Chieti - Prof. Camillo D'Arcangelo, in comparison with two other self-etching adhesive systems with Primer*

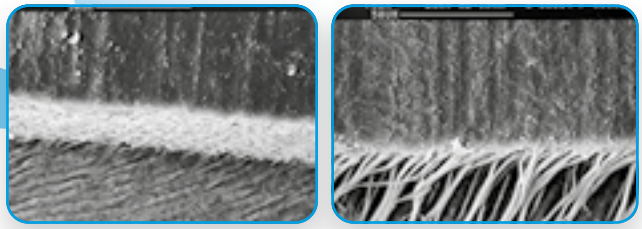




SEM images at 600X and 3000X of the hybrid layer obtained with the two-bottle technique, note the amount and depth of resin tags University of Chieti (Prof. Camillo D'Arcangelo)

3 SELF-ETCHING

- Adhesion values above the market average:
  - 24 MPa on dentine
  - 17 MPa on non-etched enamel
  - 20 MPa on etched enamel
- Special composition in water solution



Etched enamel and dentine treated with Ena Bond SE on electron microscope (SEM)

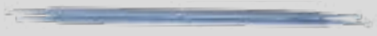


The microscopy shows the enamel surface and the "resin-tags" that demonstrate the penetration of Ena Bond SE in dentine tubules. University of Tor Vergata Rome (Prof. Francesco Mangani).

Bonding System

ENA bond

ONE-BOTTLE ETCH & RINSE

Model	Ref.	Description	Q.ty
	COSM300	**ENA BOND ONE-BOTTLE ADHESIVE** Ena Bond light-curing Bonding Phosphoric acid 37% without silicon Accessories	 5 ml 2 ml
	COSM101B	**ENA ETCH** Phosphoric acid 37% without silicon bulk syringe usable with 2 ml rechargeable syringes	 25 ml 2 x 2 ml
	COSM300A	Ena Bond light-curing bonding	5 ml
	COSM300D	Ena Bond catalyst for dual-curing applications	5 ml
	COSM3B	Mixing base	20 pcs
	COSM101	Phosphoric acid 37% without silicon	2 x 2 ml
	COSM3S	Ena Bond applicators: small ivory	50 pcs
	COSM3M	Ena Bond applicators: medium blue	50 pcs
	COSM3Z	Ena Bond applicators: micro green	50 pcs

TWO-BOTTLE ETCH & RINSE

Model	Ref.	Description	Q.ty
	COSM300K	**ENA BOND TWO-BOTTLE ADHESIVE** Ena Bond light-curing Bonding Ena Bond Seal light-curing resin Phosphoric acid 37% without silicon Accessories	 5 ml 5 ml 2 ml
	COSZ100	**ENA BOND SEAL - ENA BOND SYSTEM** Ena Seal light-curing sealant Phosphoric acid 37% without silicon Accessories	 5 ml 2 ml
	COSZ10	**ENA BOND SEAL** Light curing sealant	5 ml

SELF-ETCHING

Model	Ref.	Description	Q.ty
	CFOTK	**ENA BOND SE SELF-ETCHING ADHESIVE** Ena Bond SE Primer Ena Bond SE Light curing resin Ena Etch Phosphoric acid 37% without silicon Accessories	 5 ml 5 ml 2 ml
	CFOT	**ENA BOND SE SELF-ETCHING ADHESIVE** Ena Bond SE Primer Ena Bond SE Light curing resin	 5 ml 5 ml
	CFOTP	Ena Bond SE Primer	5 ml
	CFOTS	Ena Bond SE Light curing resin	5 ml



Ena® Flow Sealant "Bio"

Pit & Fissure Sealant light-curing flowable sealant

Easy to use and durable over time. Milky white colour helps the practitioner identify the application during sealing.
Fluorescence allows the placement of the material to be checked over time. Long-lasting protection against caries.
Low viscosity: filler content 33% by weight.

Characteristics

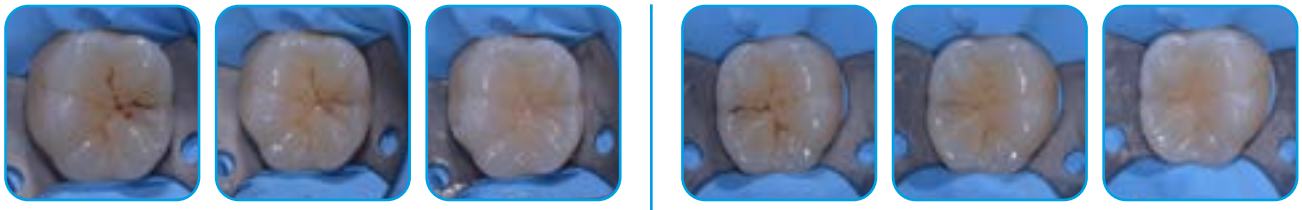
- Fluorescent for a better control under UV light
- Good wear resistance
- Natural tooth surface sealant
- Composite restoration margin sealant
- BIS-GMA and Bisphenol-A free

Clinical cases by Dr. Francesco Simoni



Application *Inspection under UV light*

Clinical cases by Drs. Lorenzo Vanini and Stefano Mastroberardino



Initial case *Ameloplasty* *Sealing* *Initial case* *Ameloplasty* *Sealing*

Ref.	Description	Q.ty
EHFS	ENA FLOW SEALANT	
	Pit & Fissure Sealant	2 g
	Disposable tips 0.8 mm	3 pcs





Light curing unit CLED2

One Touch, and you will enjoy the powerful light

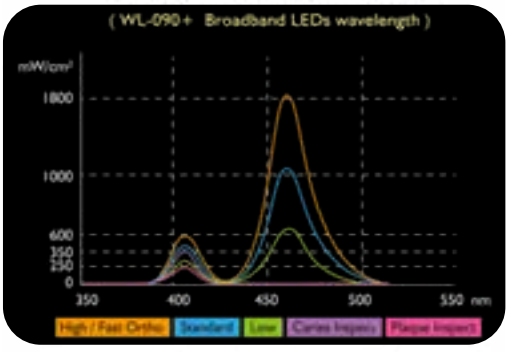
The light-curing was produced with 10 W ultra-high brightness LEDs of two different frequencies. The light wavelength of CLED2 is between 390-480 nm with peaks at 405 and 460 nm; the intensity can reach 2400 mW/cm^2. It can cure a composite layer of more than 2 mm in 2 seconds. These characteristics also enable it to act effectively with phenyl propanedione (PPD) photoinitiators and Lucirine TPO. D.

LOW · RAMP · STANDARD · HIGH · TURBO · FAST ORTHO · PLAQUE · CARIES

Characteristics

- Low 600 mW/cm^2
- Ramp 1000 mW/cm^2
- Standard 1000 mW/cm^2
- High 1800 mW/cm^2
- Turbo 2400 mW/cm^2
- Fast Ortho 1800 mW/cm^2
- Plaque detector 250 mW/cm^2
- Caries detector 350 mW/cm^2





2 Different frequencies with peaks at 405 and 460 nm

Advantages

- No shutdown during use
- Intelligent heat management system prevents the device from overheating after continuous use
- Built-in radiometer, OLED display
- Cartridge battery
- Innovative design and easy replacement

Ref.	Description	Q.ty
CLED2	MICERIUM LED LIGHT CURING UNIT 10 W LED - 240 V	1 pc



TENDER FIBER

Reinforcing Fibres

PREIMPREGNATED GLASS FIBRE **QUATTRO, DUE & ORTHO** pre-impregnated with a fluorescent light-curing resin, the same as used for Enamel plus HRi and Ena Post. Silanized and not only impregnated fibres; 0.012 µm filler.

POLYETHYLENE: **ZERO** very high molecular weight, surface-treated for good resin bonding.

For increasing physical properties and repairing orthodontic appliances, removable resin prostheses and short-term provisional restorations.

Technological advantages

- Unidirectional glass fibres, 14 µm in diameter
- Very strong resistance to acid and alkaline media
- Higher resistance of finished product
- Stronger chemical connection between fibres
- Increased physical properties

Operating advantages

- Oral application without metal and ultraconservative, easy to repair
- Usable with most acrylics and composites
- No additional investment required
- Ready to use, fast application, reduced costs of treatment, no risk of fraying, during handling or after placement
- Better chemical reaction with luting and restorative materials & excellent aesthetics

Reinforcement fibres and splints



Tender Fiber QUATTRO for composite bridges Type Maryland or on inlays and resin on implants



Tender Fiber DUE used for splinting of periodontal teeth



Tender Fiber ZERO for removable prosthesis reinforcement



Tender Fiber ORTHO used for retainers

Model	Ref.	Description	Q.ty
	TF21	TENDER FIBER DUE Glass fibre for periodontal splinting Length 12 cm - ø 1.3 mm (3.200 fibres)	1 pc
	TF41	TENDER FIBER QUATTRO Glass fibre for acrylic & composite prosthetic reinforcement. Length 12 cm - ø 1.7 mm (6.400 fibres)	1 pc
	TF01	TENDER FIBER ZERO Cost-effective, non-impregnated polyethylene fibre for reinforcement of orthodontic, temporary & removable acrylic prosthesis	17 mt.
	ATF11	TENDER FIBER ORTHO Glass fibre for orthodontic applications Length 12 cm - ø 0.8 mm (1.600 fibres)	1 pc



Fibre holder in silicone to be used for an easy application: measure, cut, apply, cure and check



Ena® Post

Perfect functional and aesthetic integration with glass fibre post and composite

Available in two tapers: 2% and 10%; the colour rings on the post not only indicate the diameter difference but also allow the positioning of the cut (they must be removed before cementing).

Operative & technological advantages

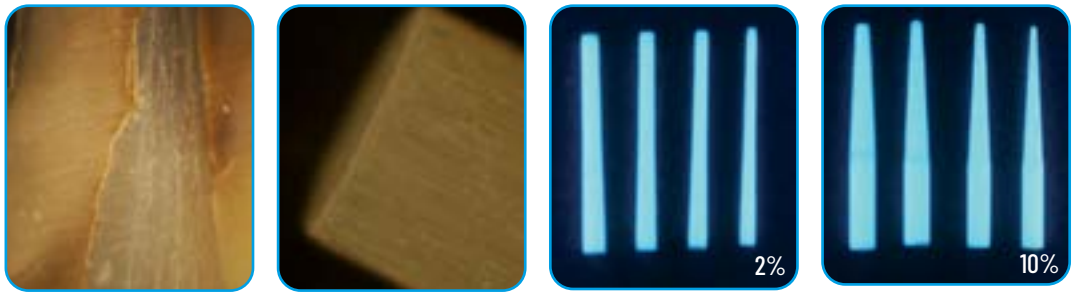
- Aesthetic: fluorescent and dentine colour
- Functional: same elasticity of dentine
- Perfectly integrated with the tooth, cement and restorative material
- The only post with silanized fibres inserted in the same resin of restorative material (Enamel plus HRi)
- Perfect silanization and seamless integration of fibres into the resin
- Radiopaque and clearly visible on X-rays
- Coloured rings for easy identification

Correction of surface geography and polishing



Restoration by Dr. Lorenzo Vanini with Ena Post and Enamel plus HRi

Microscopy and UV Light photos



Sections of Ena Post under the microscope
Photo by Prof. Vassilios Kaitsas

UV photographs of Ena Post in 2% and 10% tapers



Kit & Refill

Ref.	Description	Q.ty
CP0200	AESTHETIC POST KIT ENA POST 2% CONICITY: Ena Post Fiber Post ø 0.8 - 1.25 mm Ena Post Fiber Post ø 1.0 - 1.45 mm Ena Post Fiber Post ø 1.2 - 1.65 mm Ena Post Fiber Post ø 1.4 - 1.88 mm Ena Post drill 1 for each size	 5 pcs 5 pcs 5 pcs 5 pcs 4 pcs
CP0208	Ena Post Fiber Post white ring ø 0.8 - 1.25 mm	10 pcs
CP0210	Ena Post Fiber Post yellow ring ø 1.0 - 1.45 mm	10 pcs
CP0212	Ena Post Fiber Post blue ring ø 1.2 - 1.65 mm	10 pcs
CP0214	Ena Post Fiber Post black ring ø 1.4 - 1,.88 mm	10 pcs
CP0208-30	Ena Post Fiber Post white ring ø 0.8 - 1.25 mm	30 pcs
CP0210-30	Ena Post Fiber Post yellow ring ø 1.0 - 1.45 mm	30 pcs
CP0212-30	Ena Post Fiber Post blue ring ø 1.2 - 1.65 mm	30 pcs
CP0214-30	Ena Post Fiber Post black ring ø 1.4 - 1.88 mm	30 pcs
CPF0208	Ena Post white ring drill ø 0.8 - 1.25 mm	1 pc
CPF0210	Ena Post yellow ring drill ø 1.0 - 1.45 mm	1 pc
CPF0212	Ena Post blue ring drill ø 1.2 - 1.65 mm	1 pc
CPF0214	Ena Post black ring drill ø 1.4 - 1.88 mm	1 pc

Ref.	Description	Q.ty
CP1000	AESTHETIC POST KIT ENA POST 10% CONICITY: Ena Post Fiber Post ø 0.5 - 1.6 mm Ena Post Fiber Post ø 0.7 - 1.8 mm Ena Post Fiber Post ø 0.9 - 2.0 mm Ena Post Fiber Post ø 1.1 - 2.2 mm Ena Post drill 1 for each size	 5 pcs 5 pcs 5 pcs 5 pcs 4 pcs
CP1005	Ena Post Fiber Post white ring ø 0.5 - 1.6 mm	10 pcs
CP1007	Ena Post Fiber Post green ring ø 0.7 - 1.8 mm	10 pcs
CP1009	Ena Post Fiber Post red ring ø 0.9 - 2.0 mm	10 pcs
CP1011	Ena Post Fiber Post blue ring ø 1.1 - 2.2 mm	10 pcs
CP1005-30	Ena Post Fiber Post white ring ø 0.5 - 1.6 mm	30 pcs
CP1007-30	Ena Post Fiber Post green ring ø 0.7 - 1.8 mm	30 pcs
CP1009-30	Ena Post Fiber Post red ring ø 0.9 - 2.0 mm	30 pcs
CP1011-30	Ena Post Fiber Post blue ring ø 1.1 - 2.2 mm	30 pcs
CPF1005	Ena Post drill (1 mark - white) ø 0.5 - 1.6 mm	1 pc
CPF1007	Ena Post drill (2 marks - green) ø 0.7 - 1.8 mm	1 pc
CPF1009	Ena Post drill (3 marks - red) ø 0.9 - 2.0 mm	1 pc
CPF1011	Ena Post drill (4 marks - blue) ø 1.1 - 2.2 mm	1 pc



Ena® Cem HF

Composite-based dual cement. Perfect Canal Sealing

Operating advantages

- Highly filled (77% in weight)
- Same physical characteristics as Enamel plus HRi
- No air bubbles
- Minimum thickness <50mμ
- Fluorescent and radiopaque (210% Al)

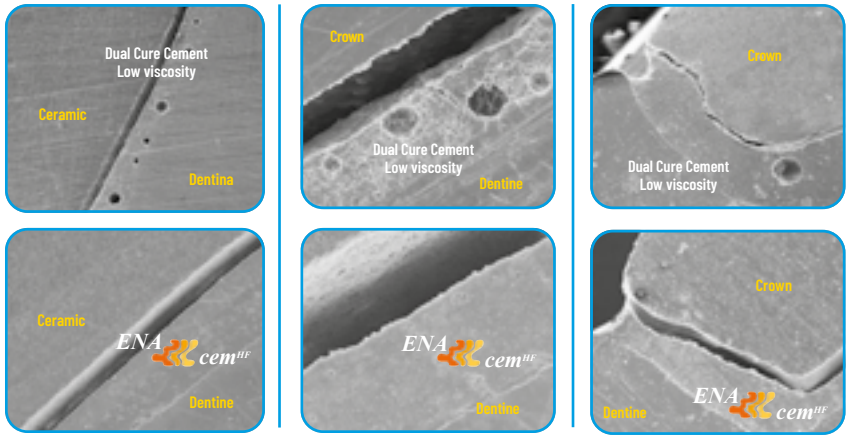
Technological advantages

- Crown & bridge luting
- Post luting & core build-up
- Composite and ceramic veneers, inlay and onlay luting

Physical properties

PRODUCT	Ena Cem HF	Dual/Cure Flow Cement	High viscosity composite
Thickness μm (force 35N)	45	28/55	> 500
Vickers hardness MPa	670	270	600/700
Modulus of elasticity MPa	12850	5471	8000/11000
Flexural strength MPa	116	88	140
Compressive strength MPa	342	216	400
Radiopacity Al	210%	30%	

Analysis under magnification



Images under magnification show homogeneity of Ena Cem HF unlike other Low Viscosity Dual Cure Cement that contains air bubbles



Direct aesthetic restoration and core reconstruction with Ena Cem HF performed by Dr. Lorenzo Vanini



Kit & Refill

Ref.	Description	Q.ty
CPCK	**ENA CEM HF INTRO KIT** Highly filled dual cement Ena Cem^{HF} colour UD1-UD2-UD3-UD4 Ena Bond Bonding Ena Bond Catalyst Ena Etch Etching Gel 37% Automix tips and intraoral tips Orange applicators (use with tip syringe)	 4 x 3 g 2 ml 2 ml 2 ml
CPCUD1	Ena Cem^{HF} UD1 automix syringe	8 g
CPCUD2	Ena Cem^{HF} UD2 automix syringe	8 g
CPCUD3	Ena Cem^{HF} UD3 automix syringe	8 g
CPCUD4	Ena Cem^{HF} UD4 automix syringe	8 g

Ref.	Description	Q.ty
CPCTIPN	Automix tips Ena Cem	50 pcs
CPCTIPL	Intraoral white tips Ena Cem	25 pcs
CPCTIPS	Automix tips Ena Cem with intracanal tips	50 pcs
COSM3A	Orange applicators with plug	50 pcs
CPCD	Dispenser with anatomic handle for Ena Cem^{HF} cement	1 pc

Ena Cem

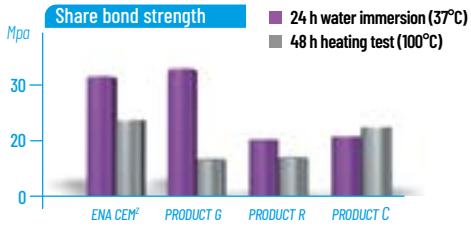


Ref.	Description	Q.ty
CPC	**ENA CEM** Dual low viscosity cement	8 g

Ena Cem^{Z}

Self-curing cement with special primer for luting of zirconia prosthodontic appliances on zirconia or titanium abutment.

Ref.	Description	Q.ty
CPCZK	**ENA CEM^{Z} INTRODUCTORY KIT FOR ZIRCONIA** Self curing cement Primer	 8 g 5 ml
CPCZ	Ena Cem^{Z} self-curing cement	8 g
CPCZP	Ena Cem^{Z} Primer	5 ml



Physical properties	MPa
Vickers Hardness:	320
Modulus of elasticity:	7085
Flexural strength:	107
Compressive strength:	229

Physical data maintained up to 4 mm depth with LED curing (minimum power 1000 mW)



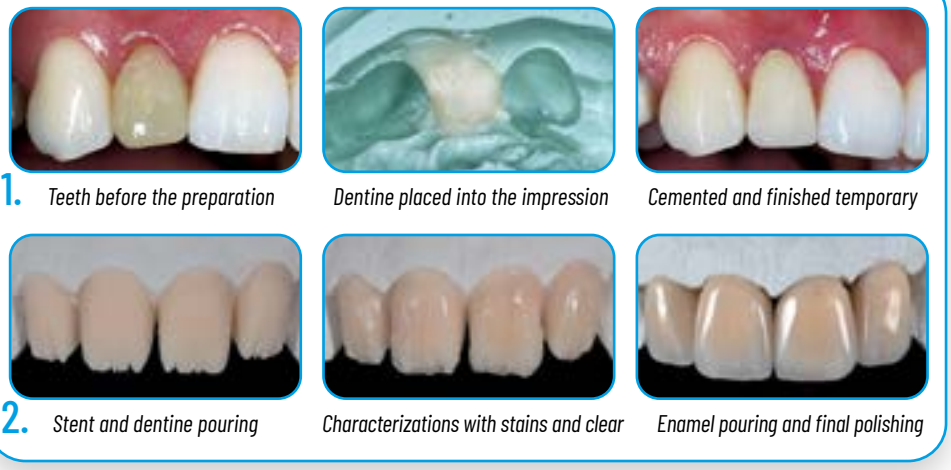


Enamel plus Temp

Temporary resin for aesthetic temporary crown and bridge

Very interesting material for opacity and fluorescence of dentine bodies and for translucency of enamel bodies that allow to put in evidence the typical contrast between these two elements in the natural tooth. Enamel bodies also allow to obtain a natural polishing in temporary crowns, similar to the definitive ceramic elements. It can be used both in laboratory with the help of silicone stent or of vacuum forming matrix with the direct technique using a silicone impression or a preformed crown.

1. Direct technique 2. Laboratory technique



1. *Teeth before the preparation* — *Dentine placed into the impression* — *Cemented and finished temporary*

2. *Stent and dentine pouring* — *Characterizations with stains and clear* — *Enamel pouring and final polishing*

Model	Ref.	Description	Q.ty
	TEMP1N	TEMPORARY RESIN INTRODUCTORY KIT	
		Enamel plus Temp Dentine: UD2 (A2*), UD3 (A3*), UD3,5 (A3,5*), UD4 (A4*),	4 x 50 g
		Enamel plus Temp enamel: UE2, Blue	2 x 50 g
		Enamel plus Temp Self-curing liquid	100 ml

FOR PACKAGES SEE SECTION LABORATORY PAGES 62

**Colours A...- B...- C. are colours of Vita® shade guide. Vita® is a registered trademark of Vita Zahnfabrik H. Rauter GmbH & Co. KG, Bad Säckingen - D*

Mock Up Kit

For temporary veneers

Temp Silic Mock up is a valuable communication tool between dentist, patient and dental laboratory that allows temporaries (Mock up) to be made using the highly filled fluid composite Enamel plus HRi Flow, an aesthetic material with ideal physical properties.



Operational and technological advantages

- Impression with silicone and clear tray: 45 sec.
- Impression setting: 1 min. 30 sec.
- Veneer preparation
- Flow HRi application in stent: 30 sec.
- Light curing: 60 sec.
- Final light-curing with Ena Bond Seal: 60 sec.

Provisional



Cemented temporary veneers with Ena Soft Flow and final polymerisation with Ena Bond Seal



Ceramic veneers



Final result after luting with light-curing flowable composite (like Ena CemHV)



Ref.	Description	Q.ty
TEMPSMU	MOCK UP KIT	
	Temp Silic Transparent Silicone 70 shore	2 x 50 ml
	Auto Mixing Tips	8 pcs
	Anterior Transparent Tray	2 pcs
	Full Arch Upper Transparent Tray	2 pcs
	Full Arch Lower Transparent Tray	2 pcs
	Enamel plus HRi Flow	3 x 2 g
	Black tips ø 1.2 mm	3 pcs
	Ena Bond Seal	2.5 ml
	Ena Soft Flow	1 g
TS1	Temp Silic Transparent Silicone 70 shore	50 ml
TS1-5	Temp Silic Transparent Silicone 70 shore	5 x 50 ml
TSPA	Anterior Transparent Tray	25 pcs
TSPL	Full Arch Lower Transparent Tray	25 pcs
TSPS	Full Arch Upper Transparent Tray	25 pcs



ENA WHITE SYSTEM

It helps eliminate irritating stains caused by smoke and coffee, solves problems of discolouration caused by prolonged use of antibiotics (e.g. tetracyclines) and facilitates the brilliance and evenness of teeth by restoring the smile. Neutral pH formula to protect natural enamel.

Ena® White

System for treatment of pathogen & iatrogenic discolouration

Clinical Case



Vital tooth treated with Ena White Power 35% hydrogen peroxide

ENA WHITE POWER



- **35% HYDROGEN** peroxide for professional treatment in office, results in one visit
- Bicomponent syringe activates only the needed quantity for the application
- Neutral Ph 7.3, no enamel damage
- Use with rubber dam or light-curing gingival protection Ena Dam



ENA WHITE REGULAR

- **12% HYDROGEN** peroxide professional treatment in office
- Treatment of non-vital tooth with walking technique
- Safe and effective treatment for sensitive teeth

ENA WHITE LIGHT

- **6% HYDROGEN** peroxide for cosmetic bleaching
- Home treatment, simple and safe maintenance
- Package with personalized label
- Pleasant freshness: mint flavour!

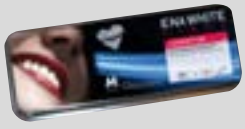




ENA WHITE SYSTEM

Having white teeth today is every patient's dream. Getting a bright smile improves one's self-esteem, self-confidence and relationships with others.



Model	Ref.	Description	Q.ty
	COSM035E	ENA WHITE POWER KIT 35% Hydrogen peroxide gel Ena Dam paste	 5 g 1.5 g
	COSM035	ENA WHITE POWER REFILL 35% Hydrogen peroxide gel	2 x 5 g
	COSM035T	Ena White automixing tips	50 pcs
	COSM012	ENA WHITE REGULAR ENDO REFILL 12% Hydrogen peroxide gel	2 x 2 ml
	COSM015	ENA WHITE LIGHT HOME for Cosmetic Home Bleaching 6% Hydrogen peroxide gel	4 x 3 ml
	COSM015B	ENA WHITE LIGHT HOME for Cosmetic Home Bleaching 6% Hydrogen peroxide gel Tray box	 2 x 3 ml 1 pc
	COSM03B	ENA DAM GINGIVAL PROTECTION Usable also as block-out	4 g
	COSMR3	ASSORTED MOUTH OPENERS with tongue retainer	3 pcs
	COSMR3S	MOUTH OPENER SMALL with tongue retainer	3 pcs
	COSMR3M	MOUTH OPENER MEDIUM with tongue retainer	3 pcs
	COSMR3L	MOUTH OPENER LARGE with tongue retainer	3 pcs



Ena® White 2.0

Innovative brushing technique which accelerates bleaching

The fastest professional home bleaching with in office pre-treatment. Is a system for cosmetic bleaching that uses a 6%-hydrogen-peroxide-based bleaching gel with the special XS151™ accelerator, which activates by brushing; this action exponentially increases the absorption rate of peroxide if compared to traditional bleaching.



Technological & operating advantages

- Easier to use thanks to the toothbrush with dispenser
- Greater comfort for the patient, two minutes correspond to one night with conventional, annoying bleaching trays. No ingestion of hydrogen peroxide.
- Less risk of irritation by reducing contact time: 2/3 min. per day instead of 6/8 hours to achieve the same bleaching result with bleaching trays.
- A conventional 20-day treatment provides approx. 120/160 hours contact time compared to 40/60 min. with Ena®White 2.0.

Pre-filled

Model	Ref.	Description	Q.ty
	ECW01*	ENA WHITE 2.0 PROFESSIONAL HOME BLEACHING SYSTEM Toothbrush filled with 6 ml H_2O_2 gel	 1 pc
	ECW01B*	ENA WHITE 2.0 PROFESSIONAL HOME BLEACHING SYSTEM Toothbrush filled with 6 ml H_2O_2 gel Enamel plus toothpaste	 1 pc 1 pc
	ECW02	ENA WHITE 2.0 PROFESSIONAL HOME BLEACHING SYSTEM Toothbrush filled with 6 ml H_2O_2 gel	2 pcs

**minimum order: multiple of 24 pcs packed in dispenser of 12 tubes*
N.B. Toothbrushes delivered in separate box for easier fridge stock

Ena® White 2.0

ENA CARE Oral

Phase 1 • IN-OFFICE — Operating protocol • Where mechanical brushing is performed





- Tartar removal
- Baking soda application with Smart Prophy Pink brush, mounted on contra-angle handpiece (200/250 rpm)
- Application of Ena®White 2.0 gel: leave on for 10 to 15 min.
- Brush the bleaching gel with dry Smart Prophy Pink brush, mounted on contra-angle (max 300/400 rpm) for about 30 to 40 seconds on each tooth
- Filling toothbrush dispenser with Ena®White 2.0 gel from syringe
- After 20 days the toothbrush dispenser can be filled again with bleaching gel



Phase 2 • AT HOME — Home Bleaching procedure





- Daily oral hygiene
- Spill a small amount of gel on the toothbrush and brush the teeth for 30/45 sec.
- Rinse and repeat the treatment a second time
- It is possible to continue the bleaching treatment after 20 days refilling the toothbrush with the same syringe during the follow-up visit
- Additional bleaching with further refills are possible, with minimum intervals of 3 months

To be filled

Model	Ref.	Description	Q.ty
	ECW01BS	ENA WHITE 2.0 PROFESSIONAL HOME BLEACHING SYSTEM FOR A TREATMENT OF ABOUT 40 DAYS	
		Toothbrush with dispenser (empty)	1 pc
		Refill H_2O_2 gel	11 ml
		Enamel plus toothpaste 75 ml	1 pc
	ECW6ES	ENA WHITE 2.0 PROFESSIONAL HOME BLEACHING SYSTEM FOR A TREATMENT OF ABOUT 40 DAYS	
		Toothbrush with dispenser (empty)	6 pcs
		Refill H_2O_2 gel	6 pcs x 11 ml

Other packages available on request



Ena® Matrix

Wedges and matrices with easy-to-apply tabs and anatomical rings.
Easier than a traditional matrix, more precise than a sectional matrix.

RING

- Ni-Ti ring for an excellent resistance
- Elastic memory which guarantees a long duration and precise contacts
- Autoclavable plastic tines reinforced with glass fibre, for an extraordinary retention
- Better adjustment to the tooth surface to create a cavity with an ideal shape which allows to save time during finishing
- Available in 2 sizes, "Standard" and "Narrow", to ensure an optimal separation strength even in the smaller teeth



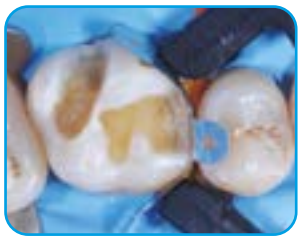
ANATOMICAL MATRIX

- Anatomical cervical shape with marginal ridges to reduce the time for finishing. Easier to burnish
- Tines with hole which allow the positioning and removal with the specific tweezers without any problem





Case with Enamel plus HRi Bio Function and Ena Matrix by Dr. Francesco Simoni







Kit & Refill

Model	Ref.	Description	Q.ty
	EMK3N	ENA MATRIX TRIAL KIT	
		Sectional Matrix 3.5 mm	10 pcs
		Sectional Matrix 4.5 mm	10 pcs
		Sectional Matrix 5.5 mm	10 pcs
		Sectional Matrix 6.5 mm	10 pcs
		Small wooden wedge	10 pcs
		Medium wooden wedge	10 pcs
		Large wooden wedge	10 pcs
		Tweezers for Matrix and wedge	1 pc
		Forceps for ring	1 pc
		Molar ring (black)	1 pc
	EMK1N	ENA MATRIX COMPLETE KIT	
		Sectional Matrix 3.5 mm	25 pcs
		Sectional Matrix 4.5 mm	25 pcs
		Sectional Matrix 5.5 mm	25 pcs
		Sectional Matrix 6.5 mm	25 pcs
		Small wooden wedge	25 pcs
		Medium wooden wedge	25 pcs
		Large wooden wedge	25 pcs
		Tweezers for Matrix and wedge	1 pc
		Forceps for ring	1 pc
		Molar ring (black)	1 pc
		Premolar ring (red)	1 pc
	EMP1	Tweezers for Matrix and wedge	1 pc
	EMP2	Forceps for ring	1 pc
	EMAM	NiTi "Standard" ring for molar (black)	1 pc
	EMAP	NiTi "Narrow" ring for premolar (red)	1 pc
	EM35	Sectional Matrix 3.5 mm	100 pcs
	EM45	Sectional Matrix 4.5 mm	100 pcs
	EM55	Sectional Matrix 5.5 mm	100 pcs
	EM65	Sectional Matrix 6.5 mm	100 pcs
	EM35V3	Matrix with marginal ridges 3.5 mm	50 pcs
	EM45V3	Matrix with marginal ridges 4.5 mm	50 pcs
	EM55V3	Matrix with marginal ridges 5.5 mm	50 pcs
	EM65V3	Matrix with marginal ridges 6.5 mm	50 pcs



Diastema matrices

Available in 3 sizes: EMT1 (upper mesial) closure of the mesial diastema up to 1 mm.
EMT2 (upper distal) closure of the distal diastema up to 1 mm.
EMT3 (small incisal) closure of the space between the lower incisors up to 1 mm.





Model	Ref.	Description	Q.ty
	EMT	ENA MATRIX KIT FOR DIASTEMA Transparent for diastema closure superior mesial Transparent for diastema closure superior distal Transparent for diastema closure inferior incisal	 5 pcs 5 pcs 5 pcs
	EMT1	Transparent for diastema closure superior mesial	25 pcs
	EMT2	Transparent for diastema closure superior distal	25 pcs
	EMT3	Transparent for diastema closure inferior incisal	25 pcs

Sectional Matrix "THIN"

Sectional Matrix "THIN" 35 micron, ideal when there are space problems

Model	Ref.	Description	Q.ty
	EMKC	SECTIONAL MATRIX KIT "THIN" 35 MICRON Sectional matrix Small Sectional matrix Medium Sectional matrix Large Sectional matrix Subgingival Extra small wooden wedge (orange) Small wooden wedge (white) Medium wooden wedge (yellow) Large wooden wedge (pink)	 25 pcs 25 pcs 25 pcs 25 pcs 25 pcs 25 pcs 25 pcs 25 pcs
	EMC35	Sectional matrix 35 micron Small	50 pcs
	EMC45	Sectional matrix 35 micron Medium	50 pcs
	EMC55	Sectional matrix 35 micron Large	50 pcs
	EMC65	Sectional matrix 35 micron Subgingival	50 pcs
	EMAS	Steel ring instrument with 'V' shape tines	1 pc



Roll matrix

Transparent and metal matrix roll

Ref.	Description	Q.ty
EMRT08	Transparent matrix (height 8 mm - thickness 0.050 mm)	10 mt
EMRT10	Transparent matrix (height 10 mm thickness 0.050 mm)	10 mt
EMRM53	Metal matrix (height 5 mm - thickness 0.035 mm)	3 mt
EMRM55	Metal matrix (height 5 mm - thickness 0.050 mm)	3 mt
EMRM63	Metal matrix (height 6 mm - thickness 0.035 mm)	3 mt
EMRM65	Metal matrix (height 6 mm - thickness 0.050 mm)	3 mt
EMRM73	Metal matrix (height 7 mm - thickness 0.035 mm)	3 mt
EMRM75	Metal matrix (height 7 mm - thickness 0.050 mm)	3 mt



Ena Wedge

ENA matrix

Available 3 sizes of plastic wedges and 4 sizes of wooden wedges.

- They can anatomically adapt to the interproximal area and allow a complete seal both on the vestibular and lingual side
- In plastic wedges a hole, in the handle, allows the positioning and removal with the specific tweezers without any problem.

Plastic wedge

Ref.	Description	Q.ty
EMWK10	ASSORTED PLASTIC WEDGES KIT 25 small wedges, 25 medium wedges, 25 large wedges	75 pcs
EMWOS	Small plastic wedge (white)	100 pcs
EMWOM	Medium plastic wedge (pink)	100 pcs
EMWOL	Large plastic wedge (violet)	100 pcs

Wooden wedge

Model	Ref.	Description	Q.ty
	EMWW	WOODEN WEDGE KIT Extra small wooden wedge (orange) Small wooden wedge (white) Medium wooden wedge (yellow) Large wooden wedge (pink)	4 x 100 pcs
	EMWWXS	Extra small wooden wedge (orange)	100 pcs
	EMWWS	Small wooden wedge (white)	100 pcs
	EMWWM	Medium wooden wedge (yellow)	100 pcs
	EMWWL	Large wooden wedge (pink)	100 pcs

Pinza Bella Multitasking Clamp

Simplify your life... like never before!

Functionality and efficiency in one unique essential device.
Designed by Dr. Giuseppe Chiodera, esteemed member of Styleitaliano.

WATCH THE VIDEO



Ref.	Description	Q.ty
NAW001	Multitasking Clamp	1 pc

12 uses of Bella Clamp


Insert wedges


Shear off wedgs


Remove stuck wedges


Cut wedges


Reposition customised wedges


Insert & remove matrices


Remove final crowns


Remove temporaries


Use abrasive strips


Break wedges

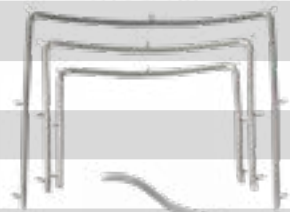

Cut posts


Unscrew abutments & components on implants



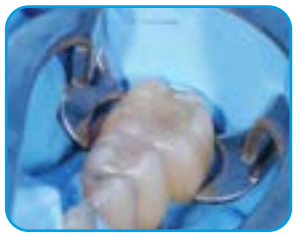
Rubber Dam Instruments

**Instruments developed by Dr. Lorenzo Vanini, made of stainless steel.
Highly polished for aesthetics and corrosion resistance.**

Model	Ref.	Description	Q.ty
	EMKU	ENA MATRIX RUBBER DAM KIT Rubber Dam Frame (Large, Medium, Small) Rubber Dam Punch Forceps for Clamps Interdental Floss Rubber Dam Clamps	 3 pcs 1 pc 1 pc 1 pc 5 pcs
	EMU	ENA MATRIX RUBBER DAM CLAMP KIT assorted clamps	5 pcs
	EMU02	Ena Matrix Rubber Dam Clamp 2 for posterior	1 pc
	EMU22	Ena Matrix Rubber Dam Clamp 22 for posterior	1 pc
	EMU41	Ena Matrix Rubber Dam Clamp 41 for anterior	1 pc
	EMU51	Ena Matrix Rubber Dam Clamp 51 for anterior	1 pc
	EMU61	Ena Matrix Rubber Dam Clamp 61 for anterior	1 pc
	EMP5	Ena Matrix Rubber Dam Frame small - medium - large	3 pcs
	EMP5S	Ena Matrix Rubber Dam Frame small	1 pc
	EMP5M	Ena Matrix Rubber Dam Frame medium	1 pc
	EMP5L	Ena Matrix Rubber Dam Frame large	1 pc
	EMP6	Ena Matrix Rubber Dam Punch	1 pc
	EMP7	Ena Matrix Rubber Dam Forceps	1 pc

Application





Iconographic documentation by Dr. Francesco Simoni



Silver Line Gel

Gingival Gel based on Colloidal Silver (10 ppm) with Aloe and Cannabis sativa seed extract • Natural antibacterial-antiviral effect

Properties

- Adheres to the oral mucosa
- Forms a protective film
- Concentrated formulation with Colloidal Silver (10 ppm), antibacterial-antiviral effect, neutral pH
- Based on cannabis sativa seed extract, aloe, hyaluronic acid and vitamin E
- Free of fluoride, sugars, mattifying agents, alcohol, fragrances, petroleum derivatives, silicones and parabens

Indications

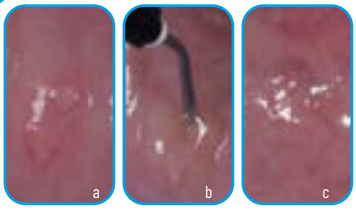
- Aphthae, Ulcers, Recurrent aphthous stomatitis, Gingivitis, Periodontitis
- Mucositis from radiotherapy and chemotherapy
- Oral surgery, Difficult extractions
- Implantology
- Traumatic ulcers from dentures and orthodontic appliances
- Burning Mouth Syndrome

Benefits

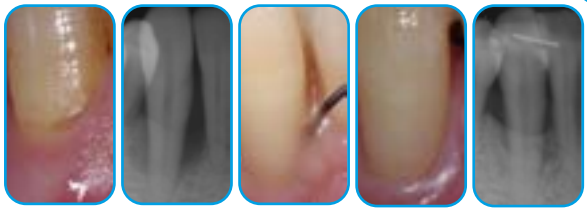
- Gives rapid relief
- Eliminates burning sensation
- Protects the oral mucosa
- Thanks to its antioxidant function ensures the well-being and hygiene of the mouth



Aphthae & Periodontitis Clinical cases by Dr. Francesco Simoni

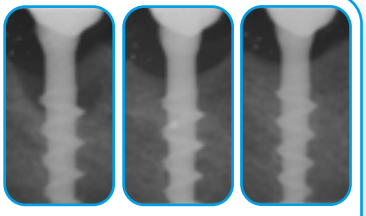


a) Clinical image of the canker sore b) Application of silver gel; c) Clinical situation after treatment, the gel soothes the discomfort and speeds up healing



Clinical and radiographic image initial periodontal defect; application of gel; clinical and radiographic image after 12 months, note the bone regeneration.

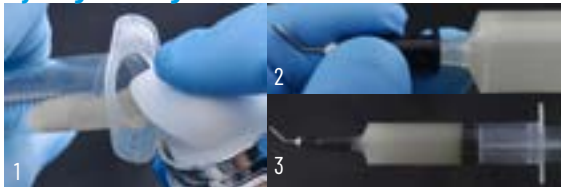
Perimplantitis



Case of peri-implantitis treated with Silver Line Gel from 2015 to 2022

Ref.	Description	Q.ty
ECSG150	SILVER LINE GEL Colloidal silver Gingival gel 9 syringes + 25 application tips	3 x 50 ml
ECSG50	SILVER LINE GEL Colloidal silver Gingival gel 1 syringe + 1 application tip	50 ml

Syringe filling



1) Removing the plunger and inserting the gel into it
2) Assembly of applicator tip
3) Plunger insertion



Ena Oral care The first Micerium oral hygiene line

Through the new line, Micerium S.P.A. intends to offer the end consumer extremely innovative products with high quality standards, in order to adequately support him/her in carrying out daily oral hygiene, and thus combat the main problems related to it, such as dental, periodontal and tissue diseases. It is now possible to achieve prevention and health maintenance goals that were unimaginable until recently, and it is along these lines that Micerium's Research and Development Team, adequately supported by specialists in the sector, has developed 'Ena Oral Care' products, which stand out from those currently on the market thanks to their strong innovative component, which makes them unique.

Smart Prophy Brush

Cup brushes with flexible nylon bristles for prophylaxis, to be used alone or with prophy paste.



Model	Ref.	Description	Q.ty
	ECP01	Prophy brushes RA Soft Pink	12 pcs
	ECP01B		100 pcs
	ECP02	Prophy brushes RA Natural White	12 pcs
	ECP02B		100 pcs
	ECP03	Prophy brushes RA Hard Blue	12 pcs
	ECP03B		100 pcs

Smart Prophy Rubbers

Prophylaxis rubbers to be used alone or with prophy paste.



Model	Ref.	Description	Q.ty
	ECP31	Rubber Polishers RA Medium Purple	12 pcs
	ECP31B		100 pcs
	ECP41	Rubber Polishers RA Soft Pink	12 pcs
	ECP41B		100 pcs
	ECP42	Rubber Polishers RA Medium Purple	12 pcs
	ECP42B		100 pcs
	ECP43	Rubber Polishers RA Hard Blue	12 pcs
	ECP43B		100 pcs

Enamel plus multipurpose toothpaste

ENA CARE Oral

Multifunctional Low abrasion formula (25 RDA).
It protects your teeth and restorations.

- Delicate taste
- No gum irritation
- Strengthens enamel
- Desensitizing properties
- Mild bleaching

SLS & PARABEN FREE · Edad · Alter age +6 · Food colorant BLUE

Ref.	Description	Q.ty
ECEP	TOOTHPASTE TUBE 75 ML without box in 24 pcs* display box	1 pc
ECEPB	TOOTHPASTE TUBE 75 ML with box	1 pc

**Available 24 pcs. display*



Digital Brush Mouthwash Chlorhexidine

DB Mouthwash with chlorhexidine 0.12% removes food residues and bacteria while helping to prevent plaque build-up.

DB Mouthwash is indicated in the prevention of infections after dental surgery, in the prevention of dental infections in denture wearers and in the prevention of plaque and tartar build-up. Rinse the mouth for 30 sec. using a spoonful of undiluted product (approx. 10 ml), after normal oral hygiene.



Ref.	Description	Q.ty
ECCL250	CHLORHEXIDINE 0.12% MOUTHWASH In 250 ml bottle	1 pc

Kiss Me Oral Spray

Practical mouthwash effective against halitosis because it eliminates bacteria that can cause bad breath. Fresh mint taste - pocket packaging - gas, alcohol and saccharine free.



Ref.	Description	Q.ty
ECKM1	KISS ME ORAL SPRAY Fresh mint taste spray	20 ml

Oral Hygiene

One of the health conditions that most affects quality of life is oral health. Clinical and research studies have documented the importance of oral hygiene, both as hospital and home treatment. Although, unfortunately, in many cases oral health takes a back seat and is neglected, due to the presence of contingent or more serious problems, such as debilitating diseases, chemotherapy, bedriddenness, disability and handicap.



Clinical cases by Dr. Marisa Roncati, dental hygiene expert






Digital Brush Towel with saline solution

Disposable towel to clean teeth and gums from birth. If one learnt to clean one's teeth properly from birth, one could prevent both caries and gum infections and thus keep one's teeth healthy for life, without the need for any health care.

Ingredients: Water - Na Cl 0.9% - no preservatives. Sterilised with beta rays

Ref.	Description	Q.ty
ECDB2	DIGITAL BRUSH BABY Towels with saline solution	10 pcs
ECDB2B	DIGITAL BRUSH BABY Towels with saline solution	50 pcs
ECDB2D	DIGITAL BRUSH BABY Towels dispenser with saline solution	100 pcs



Digital Brush Chlorhexidine Towel

With a simple gesture, the towel is wrapped around the finger and then wiped over the surface of the tooth: this removes bacteria, residue and adds shine to the smile. Ideal for post-operative cleaning or when a toothbrush cannot be used. It helps prevent bacterial plaque.

Ingredients: Water, Sorbitol, Denatured alcohol, Propylene glycol, Polysorbate-20, Laurel-10, PEG-40 Hydrogenated castor oil, Chlorhexidine digluconate; Anethole, Aroma, Sodium saccharin, Sodium fluoride.

Ref.	Description	Q.ty
ECDB1	DIGITAL BRUSH CHLORHEXIDINE Towels with chlorhexidine 0.12%	10 pcs
ECDB1B	DIGITAL BRUSH CHLORHEXIDINE Towels with chlorhexidine 0.12%	50 pcs
ECDB1D	DIGITAL BRUSH CHLORHEXIDINE Towels dispenser with chlorhexidine 0.12%	100 pcs



Kit Kiss Me

The Dental kit that blows up your smile...anywhere.
In your office, during your free time, keep in your pocket KISS ME Kit: you will feel always fresh and self-confident!



Ref.	Description	Q.ty
ECKMK	KIT KISS ME WITH ORAL SPRAY	
	Kiss Me oral spray 20 ml	1 pc
	Digital Brush towels	5 pcs
	3E Interdental Brush Small	1 pc
	Interdental Floss (in PFTE)	1 pc
ECKMT	KIT KISS ME WITH TOOTHPASTE	
	Toothpaste 10 ml	1 pc
	Digital Brush towels	5 pcs
	3E Interdental Brush Small	1 pc
	Interdental Floss (in PFTE)	1 pc

Interdental Floss

Ultra-strong PTFE tape dental floss with elegant "credit card" shape packaging with mirror, can be customised with your own data, making it a perfect tool for promoting your business.

Alternatively, white waxed PTFE roll dental floss (tape).





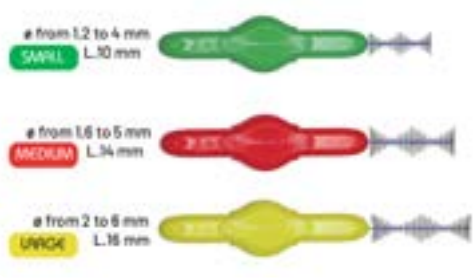
Ref.	Description	Q.ty
ECIF1	DENTAL FLOSS WITH MIRROR 10 Mt. White waxed, customisation possible	1 pc
ECIFW	ROLL DENTAL FLOSS 50 Mt. White waxed, blister pack	1 pc

Interdental Brush

Interdental brushes with innovative patented double-wave, bristles that adapt to the anatomy of the teeth in the interproximal areas, allowing optimal removal of plaque and food residues

- Nylon bristles with retentive memory
- Ergonomic plastic handle
- Hygienic cap, stainless steel Teflon coated wire, anti-scratch, ideal also around titanium implants





Ref.	Description	Q.ty
ECE30S*	GREEN SMALL BRUSH ø from 1.2 to 4 mm L.10 mm	30 pcs
ECE30M*	RED MEDIUM BRUSH ø from 1.6 to 5 mm L.14 mm	30 pcs
ECE30L*	YELLOW LARGE BRUSH ø from 2.0 to 6 mm L.16 mm	30 pcs
ECE120	Assorted dental brushes green/red/yellow	120 pcs

**Available also in 3/6/120 pcs packaging*







Laboratory

62 Enamel plus Temp provisional resin
64 Tender aesthetic composite
66 Tender Flask
68 Vacumix & Routex
69 Saw & Light-curing Unit
70 Waxes
71 Pattern resin
72 Composite & Stain
73 Composite Tender Pink
74 Discs & Blocks Ena Cad
76 Instruments
78 Zircoshiny abrasives

laboratorio
GRUPPO
MICERIUM



Enamel plus Temp

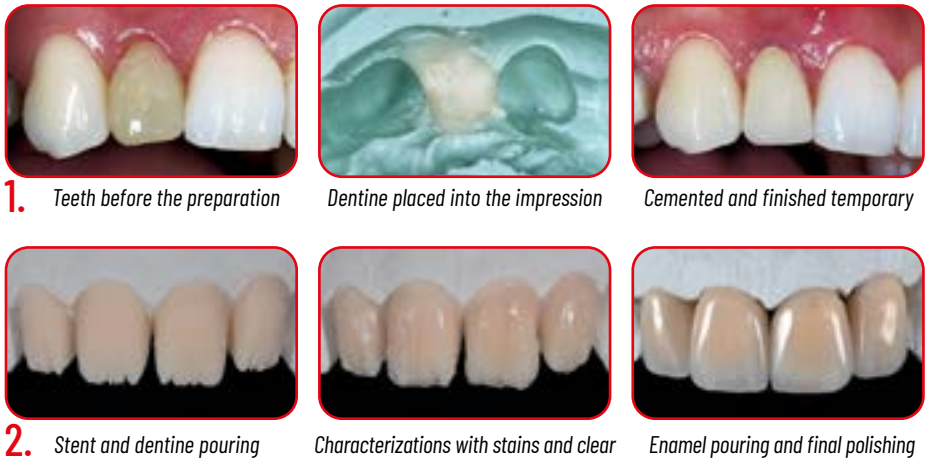
Temporary resin for aesthetic temporary crown and bridge

Very interesting material for opacity and fluorescence of dentine bodies and for translucency of enamel bodies that allow to put in evidence the typical contrast between these two elements in the natural tooth. Enamel bodies also allow to obtain a natural polishing in temporary crowns, similar to the definitive ceramic elements. It can be used both in laboratory with the help of silicone stent or of vacuum forming matrix with the direct technique using a silicone impression or a preformed crown.

Operating advantages

- Polymerisation in laboratory or in the mouth
- Does not exceed 57°C
- High precision of insertion
- Easy to repair, creamy consistency
- Cadmium-free, no tertiary amines

1. Direct technique 2. Laboratory technique



1. *Teeth before the preparation* — *Dentine placed into the impression* — *Cemented and finished temporary*

2. *Stent and dentine pouring* — *Characterizations with stains and clear* — *Enamel pouring and final polishing*

Model	Ref.	Description	Q.ty
	TEMP1N	TEMPORARY RESIN INTRODUCTORY KIT	
		Enamel plus Temp Dentine: UD2 (A2*), UD3 (A3*), UD3,5 (A3,5*), UD4 (A4*),	4 x 50 g
		Enamel plus Temp enamel: UE2, Blue	2 x 50 g
		Enamel plus Temp Self-curing liquid	100 ml

**Colours A...- B...- C. are colours of Vita® shade guide. Vita® is a registered trademark of Vita Zahnfabrik H. Rauter GmbH & Co. KG, Bad Säckingen - D*

Physical properties	
Modulus of elasticity:	2300 MPa
Vickers hardness:	140 MPa
Residual monomer:	> 0,8%

Fluorescent bodies for esthetic temporary with higher brightness and excellent integration

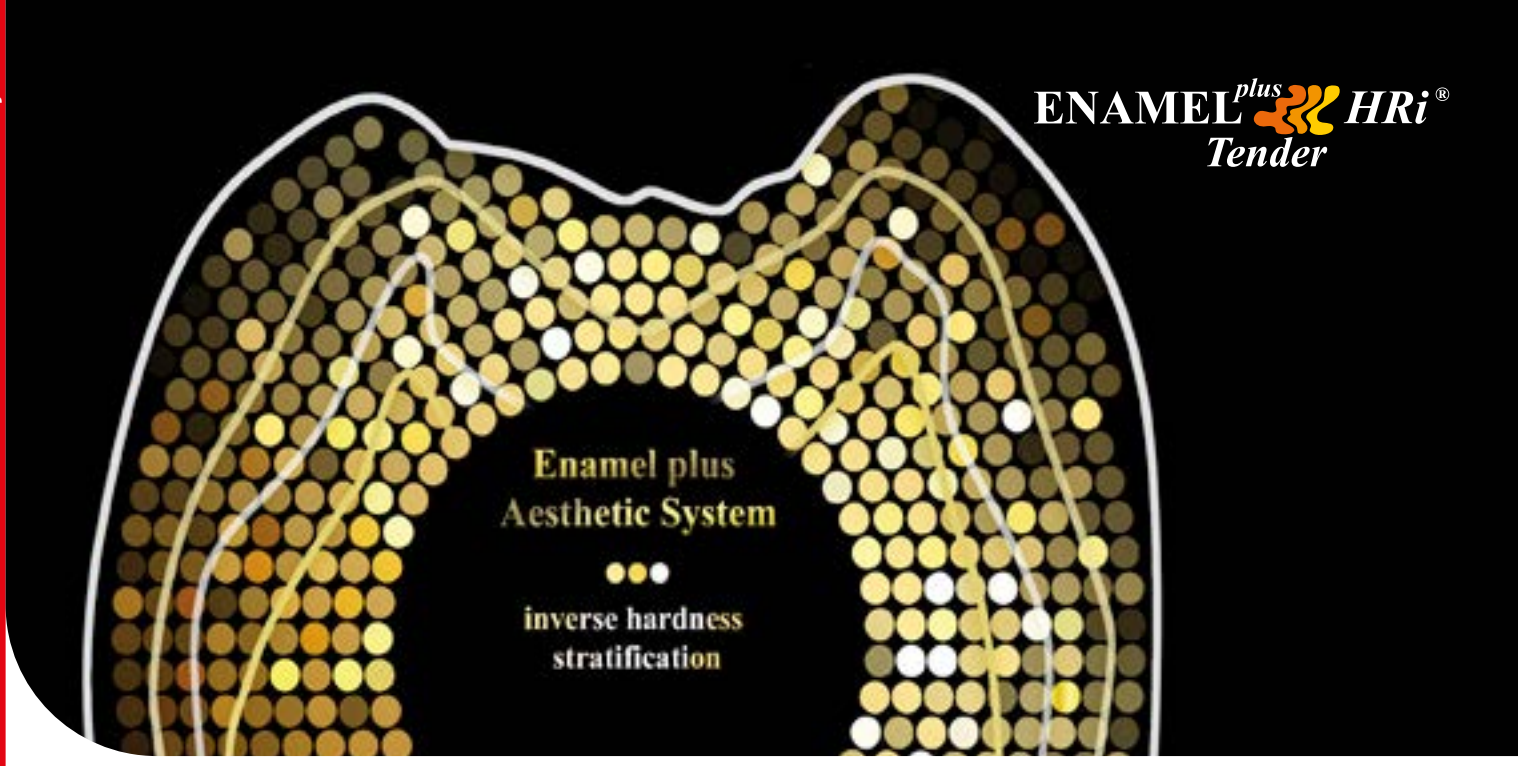


Enamel plus Temp refill

Ref.	Description	Q.ty
TEMPUD0	Enamel plus Temp dentine UD0	100 g
TEMPUD1	Enamel plus Temp dentine UD1 (A1*)	100 g
TEMPUD2	Enamel plus Temp dentine UD2 (A2*)	100 g
TEMPUD3	Enamel plus Temp dentine UD3 (A3*)	100 g
TEMPUD3,5	Enamel plus Temp dentine UD3,5 (A3,5*)	100 g
TEMPUD4	Enamel plus Temp dentine UD4 (A4*)	100 g
TEMPB1	Enamel plus Temp dentine B1	100 g
TEMPB2	Enamel plus Temp dentine B2	100 g
TEMPB3	Enamel plus Temp dentine B3	100 g
TEMPB4	Enamel plus Temp dentine B4	100 g
TEMPC2	Enamel plus Temp dentine C2	100 g
TEMPD3	Enamel plus Temp dentine D3	100 g
TEMPUE1	Enamel plus Temp universal enamel UE1	100 g

Ref.	Description	Q.ty
TEMPUE2	Enamel plus Temp universal enamel UE2	100 g
TEMPUE3	Enamel plus Temp universal enamel UE3	100 g
TEMPS3	Enamel plus Temp enamel WHITE	100 g
TEMPOB	Enamel plus Temp enamel BLUE	100 g
TEMPT	Enamel plus Temp enamel CLEAR	100 g
TEMPGR	Enamel plus Temp enamel GREY	100 g
TEMPP	Enamel plus Temp PINK for gum	100 g
TEMPL	Enamel plus Temp self-curing liquid	100 ml
TEMP1-L	Enamel plus Temp self-curing liquid	1000 ml
TEMPLH	Enamel plus Temp hot curing liquid	100 ml
TEMPLC	Enamel plus Temp light-curing liquid	10 ml
COSSHINYSHP	Goat brushes HP Micerium	12 pcs
TEMP99	Temp Stick polishing paste Micerium	100 g

**Colours A...- B...- C. are colours of Vita® shade guide. Vita® is a registered trademark of Vita Zahnfabrik H. Rauter GmbH & Co. KG, Bad Säckingen - D*



Enamel plus Tender

Appearance of natural tooth, technique and aesthetics of ceramic

Micro-hybrid composite that can be used both directly in the mouth and in laboratory with a high elasticity dentine body, a paste opaque and a bonding that guarantees a unique adhesion. LIKE CERAMIC BETTER THAN CERAMIC ... It is possible to make adjustments also in the dental practice with the same material used in the laboratory. Enamel plus HRi can be used both for luting, making in that way at the same time a relining of the manufactured article, and as a liner, before taking the impression (available also "flow"). It allows more possibilities in implant solution and it is ideal for combinated cases.

Physical Properties	HRi	Tender
Vickers hardness:	700 MPa	350 MPa
Modulus of elasticity:	14.500 MPa	6.900 MPa
Flexural strength:	170 MPa	95 MPa
Compressive strength:	450 MPa	360 MPa
Transparency:	30%	4%

TENDER: High elasticity dentine body
HRi: high resistance enamel body
THE WINNING MATCH

Before and after case by Dr. Lorenzo Vanini and Mr. Daniele Rondoni



Complex fractures (Dr. Lorenzo Vanini)



Cementation and possible adjustments made always with the same material



Preparation: "HFO Flow" can be used as liner



Composite inlay cemented with "HFO OW" (Dr. Lorenzo Vanini)



Composite build up on implants: Tender opaque



Pressing technique with flask: Dentine



Pressing technique with flask: Enamel



Completed case by Mr. D. Rondoni

Enamel plus Tender Kit & Refill

ENAMEL plus HRi® Tender

Model	Ref.	Description	Q.ty
	TENDER1H	**ENAMEL PLUS TENDER INTRODUCTORY KIT** Tender: T2, T3, T4 HRi Dentine: UD1 (A1), UD2 (A2), UD3 (A3), UD4 (A4), UD5 HRi universal enamel: UE2 Bio Function enamel: BF1, BF2, BF3 Intensive enamel: Intensive White Spot (IWS) Opalescent enamel: OBN Paste opaque: light, clear Tender bonding metal primer	 3x2,5 g 5x2,5 g 2,5 g 3x2,5 g 2,5 g 2,5 g 2x3 g 2,5 ml
	TENDER7H	**ENAMEL PLUS TENDER INLAYS KIT** Tender: T4 HRi dentine: UD2 (A2), UD3 (A3), UD4 (A4) HRi universal enamel: UE2 Bio Function enamel: BF2 Enamel plus Stain Flow: Brown2	 2,5 g 3x2,5 g 2,5 g 2,5 g 2 g
	ETT2	TENDER T2 (A1, A2)	5 g
	ETT3	TENDER T3 (A3)	5 g
	ETT4	TENDER T4 (A4)	5 g
	COSSTAINT	Stain flow transparent	2 g
	PLEXI26	Clear Acrylic Holder – 26 Holes	1 pc
	PLEXI26D	DARK Acrylic Holder – 26 Holes	1 pc
	PLEXI9	Clear Acrylic Holder – 9 Holes	1 pc
	PLEXI9D	DARK Acrylic Holder – 9 Holes	1 pc
	ETBOND	Tender bonding metal primer	5 ml
	ETOCLEAR	Tender paste opaque clear for first layer	3 g
	ETOL	Tender paste opaque light (UD1, UD2, UD3)	3 g
	TEMPF	Temp Bonding fluid for correction/bonding of resin-composite and composite-composite	10 ml
	TEMPSEAL	Temp Seal Micerium plaster sealing	1 pc
	TEMPSEP	Temp Sep wax-composite-ceramic separator	1 pc
	TEMPSILV	Silver colour powder for checking texture	30 g

Note: Tender bodies can also be used for B, C and D colours of Vita® shade guide

FOR DENTINE AND ENAMEL REFILLS CONSULT SECTION AESTHETICS PAGE 18-19



Pressing technique with Flask

Plexiglass flask for pressing technique

Long bridges, combination works, partials, perio-overdenture

Advantages

- Easy: wax-up instead of composite modelling
- Fast: save up to 70% working time
- Accurate: better surface
- Measures: 10,5 x 8,6 cm x max 5,5 cm
- 2 special inserts for reducing silicone use
- 1 universal base
- 2 covers with different heights

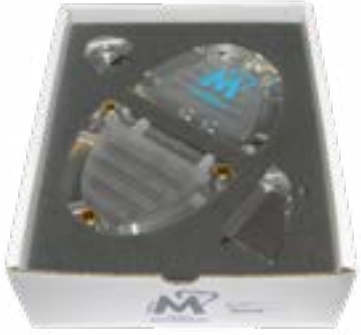
Models



2 cm.
for upper and lower
without palate

2,5 cm.
or upper
with metal palate

Ref.	Description	Q.ty
TENDERFLASK	TENDER FLASK SPECIAL PLEXIGLASS	
	flask for composite:	
	plexiglass base	1 pc
	plexiglass covers	2 pcs
	plexiglass inserts	2 pcs



Tender Flask In-press for composite usable with plaster model

Toronto bridge, total prosthesis, surgical guide, temporaries, Bite, model duplication, composite crown & bridge. Measures: 10,4 x 10,6 cm x h 7,5 cm



Ref.	Description	Q.ty
TXF1	**COMPLETE TENDER FLASK IN-PRESS**	
	Aluminium base	1 pc
	Stainless steel pins "standard"	3 pcs
	Polished aluminium cover	1 pc
	Black glass fibre cover	1 pc
	Polycarbonate crystal cover "standard"	1 pc
	Stainless steel post "small"	3 pcs
	Polycarbonate crystal cover "small"	1 pc
	Tender Tray 4 base with magnet	2 pcs
	Metal discs for Magnets for Tender Tray 4	4 pcs
	Stainless steel latch with click closure	1 pc
	Pressure plate	1 pc
	Plaster extractors	2 pcs
	Closing caps for upper holes	6 pcs
	Filling spheres	100 pcs
TXF2	**TENDER FLASK SMALL FOR COMPOSITE**	
	Aluminium base	1 pc
	Stainless steel post "small"	3 pcs
	Polycarbonate Crystal cover "small"	1 pc
	Tender Tray 4 base with magnet	2 pcs
	Metal discs for Magnets for Tender Tray 4	4 pcs
	Stainless steel latch with click closure	1 pc
	Pressure plate	1 pc
	Plaster extractors	2 pcs
	Filling Spheres	100 pcs
TXF5C	**VERTICULATOR FOR COMPOSITE**	
	cover + base with spacer and locks	1 pc
TXF5B	**VERTICULATOR FOR RESIN/CERAMIC**	
	cover + base with spacer and locks	1 pc
TXF5CC	Verticulator transparent cover for composite	1 pc
TXF5BC	Verticulator black cover for resin	1 pc
TXF5FG	Spacer and locks for verticulator	12+3 pcs
TXF12	**TENDER TRAY 4 MAGNETIC**	
	flat without retentions for split cast	5 pcs
TXF22	Metal discs for Magnets for Tender Tray 4	5 pcs
TXF41	Filling Spheres	100 pcs
TXF1B	Tender Flask alluminium base (mould for split cast)	1 pc



h.6 cm

Flask with covers made of different materials:

- Crystal cover for composite, available in two different heights
- Glass fibre cover for acrylic with silicone mould
- Aluminium cover for acrylic with plaster mould



Verticulator for resin and composite



TEMP SILIC

Special silicones for stent, ideal also for transparent flask



Ref.	Description	Q.ty
TEMPSMK	**SILICONE KIT FOR TENDER FLASK**	
	Silicone for stent/flask 90 shore A+B+retarding	300 g
	Silicone for stent clear 50 shore cartridge	50 ml
	Silicone-flask separator	60 ml
TEMPSMR3	Silicone for stent and flask 90 shore Paste A grey, Paste B brown	1,5 Kg + 1,5 Kg
TEMPSMT	**SILICONE FOR STENT CLEAR** 50 shore cartridge working 1'30"-2'30", hardening 15-20 min	50 ml
TEMPSMT5	Silicone for stent clear 50 shore cartridge	5x50 ml
TEMPSI	Silicone-flask separator	60 ml
TDPUN25	Mixing tips	25 pcs

Vacuum Mixer Vacumix WD700

WD700 mixer combinates use simplicity with optimal performances. Suitable for mixing WITHOUT AIR every type of plaster, investment and silicone. Powerful and silent, equipped with vacuum pump that works also for dry-mixing and electronic timer. Available with wall or table support. The unit is equipped with a 500 cc bowl. Five types of bowls with different size available on request: 200, 500, 1000, 2000 cc. WD700A model with adjustable speed available on request.

Ref.	Description	Q.tà
WD700	**VACUUM MIXER 400 RPM 0,8 BAR** also for partials, 500 cc bowl both wall and table support	1 pc
WD711	Mixing bowl 200 cc with filter	1 pc
WD712	Mixing bowl 500 cc with filter	1 pc
WD713	Mixing bowl 1000 cc with filter	1 pc
WD714	Mixing bowl 2000 cc with filter	1 pc
WD711A	Mixing bowl 200 cc for alginate	1 pc



Technical features WD700	
Voltage:	230V - 140 watt
Motor:	12N/M
Base:	22x16 cm (30x28 cm table support)
Height:	30 cm (61,5 cm table support)
Weight:	8,5 Kg (10 Kg table support)
Pump:	- 0,8 bar, 10 lt per min.
Speed:	400 RPM

Router for models Rutex PX801-CE

For excellent model finishing

Ref.	Description	Q.ty
PX801-CE	**ROUTER FOR MODELS RUTEX** with cylindrical bur and base for split-cast	1 pc
PX805CE	Rutex cylindrical bur 10x20 mm	1 pc
PX807CE	Rutex tapered bur	1 pc
PX808CE	Rutex ball bur	1 pc
PX809CE	Rutex inverted cone bur	1 pc



Technical features PX801-CE	
Voltage:	220-230 V, 50 Hz, 370 watt
Base:	30x21 cm
Height:	30 cm
Weight:	10 Kg
Motor Power:	1/2 CV
Tool connector:	ø 0,6 cm

Precision cutting: PX901A

Core cutter with magnetic base for holding the model holder in position. Very fine diamond blade for high precision cuts. Maximum safety thanks to dual controls. Localised lighting and connection to the vacuum cleaner.



Model	Ref.	Description	Q.ty
	PX901A	ELECTRIC SAW FOR REMOVABLE DIES with modelholder and adjustable base	1 pc
	ASX1000	External exauster for saw and router	1 pc
	PX903	Model holder for Accutrac	1 pc
	PX904	Blade	1 pc
	PX905	Model holder for Tricodent	1 pc
	PX905A	Model holder for Model Tray	1 pc
	PX906	Adjustable metal base for support	1 pc
	PX907	Model holder for Dowel Post, Pindex, etc	1 pc

Technical features PX901A	
Voltage:	220-230 V, 50 Hz
Absorption:	100 watt
Base:	20x42 cm
Height:	34 cm
Weight:	10 Kg
Blade:	8 cm (hole 1,6 cm)
Thickness:	0,2 mm

Light Curing Unit

Micerium brand lights curing and accessories for polymerization of composites and resins offer deep polymerization uniform from the center to the margin and from the surface to the bottom of the cavity. Designed for maximum patient comfort.

Ref.	Description	Q.ty
LABORLUX3	LIGHT CURING UNIT 1 x 300 WATT + 2 x 9 WATT with timer and rotating plate for light-curing of all materials, 310-500 nm	1 pc 2 pcs
LABORLUXL-L	REFILL BULB 300 WATT for LABORLUXL/3	1 pc



Flex Waxes for fixed & removable prosthetic appliance

High quality waxes

for casting and modelling

Ref.	Description	Q.ty
F54G	**FLEX-E-Z GREEN** It doesn't require a separator, with memory ideal for inlay, millings and precision castings	4 oz
F55G	FLEX-E-Z GREEN	1 lb
F54B	**FLEX-E-Z BLUE** It doesn't require a separator, with memory ideal for inlay, millings and precision castings	4 oz
F55B	FLEX-E-Z BLUE	1 lb
F54P	**FLEX PURPLE** extra hard, no retraction, ideal for margins and for thin thicknesses	4 oz
F55P	FLEX-E-Z PURPLE	1 lb
F55ZB	**FLEX FOR CROWN & BRIDGE** regular blue	1 lb



Waxes for removable appliance

without retraction or heat-related alterations

Ref.	Description	Q.ty
F95H	**HARD WAX PINK SHEETS** ideal for PERFORM INKOVAC strong but flexible resistant till 55°C without alteration, scientific formula of fine virgin waxes	5 lb
F85H	**HARD WAX PINK SHEETS** 10 sheets	200 g
F95A	**ALL SEASON WAX PINK SHEETS** ideal all season	5 lb



Casting Wax

for partials

Ref.	Description	Q.ty
from F02A o F08A	**ADHESIVE CLEAR CASTING WAX** available in these thickness in mm: 0,25 (F02A), 0,3 (F03A), 0,4 (F04A), 0,5 (F05A), 0,6 (F06A), 0,8 (F08A)	32 sheets
from NCASTINGW03 to NCASTINGW08	**GREEN CASTING WAX** available in the measures: 0,3 - 0,4 - 0,5 - 0,6 - 0,8 mm	32 sheets



Micerium Flex casting and utility Waxes

Utility waxes

for model repair

Model	Ref.	Description	Q.ty
	F67Y	YELLOW STICKY WAX available in sticks of 12 cm special fast hardening, stiff formula for removal with no residuals	100 g
	F66P	PINK BITE STICKS WAX concave for an easier adaptation to the crest, special formula guarantees high precision bite reproduction	1 lb
	F65R	DIPPING WAX RED dipping and coating die wax, high memory retention	1 lb
	F66R	FLEX RED BOXING WAX STRIPS high thickness (1 mm) for boxing stone or polyurethane impression, high adhesion, no heat needed	1 lb
	F67R	FLEX RED BOXING WAX ROPES ideal for model repair and build up; usable also with the boxing wax strips, under the margin impression	1 lb

Temp Red

Burn-out self-curing pattern resin

Burn-out self-curing pattern resin without shrinkage for accurate casting; for fabrication of secondary crowns, fixations for soldering, bridges, anchors, attachments, post and core etc. It can be used by mixing powder and liquid or with brush technique.

Operating advantages

- Burns out completely
- Minimal shrinkage <1%



Ref.	Description	Q.ty
TR100	TEMP RED BURN-OUT SELF-CURING pattern resin, powder 100 g + liquid 100 ml	2 pcs
DURL94	Burnout Posts	60 pcs

Modelling



Secondary crowns | *Milling (and Maryland bridges)* | *Post and core*

Enamel plus Stain Flow

Light curing flowable composite stains ideal for characterisation of:

- fixed and combinated composite prosthesis
- resin and composite temporary
- removable prosthesis

Ref.	Description	Q.ty
COSSTAINK9	ENAMEL PLUS STAIN FLOW KIT White, Blue, Brown, Brown2, Black, Yellow, Orange, Red, Violet 2 pennelli (1 Type C - 1 Type F)	 9x2 g 2 pcs
COSSTAIN1N	White stain refill	2 g
COSSTAIN3N	Blue stain refill	2 g
COSSTAIN4N	Brown stain refill	2 g
COSSTAIN5N	Brown2 (Dark brown) stain refill	2 g
COSSTAIN6N	Black stain refill	2 g
COSSTAIN7N	Yellow stain refill	2 g
COSSTAIN8N	Orange stain refill	2 g
COSSTAINR	Red stain refill	2 g
COSSTAINV	Violet stain refill	2 g





Different steps of a case performed by Mr. Daniele Rondoni



Making incisal cuts



Orange stain on canine



Enamel plus HRi composite enamel

Tender Pink composite
for Combination and Removable Prostheses

Light-curing Pink Composite for Denture Flanges.
Pink Opaque for Removable Partial Denture Frameworks.

Model	Ref.	Description	Q.ty
	TENDERPKIT	**TENDER PINK KIT** Light curing composite Pink Pink Orange, Pink Light, Pink Dark, Pink Transparent Pink paste opaque Enamel plus Stain Flow: Red, Blue, White	 4x2,5 g 1 g 3x2 g
	ETPK	**TENDER PINK KIT** Light curing composite Pink Pink Orange, Pink Light, Pink Dark, Pink Transparent	 4x2,5 g
	ETP	**TENDERP** Pink Orange	5 g
	ETPL	**TENDERPL** Pink Light	5 g
	ETPD	**TENDERPD** Pink Dark	5 g
	ETPT	**TENDERPT** Pink Transparent	5 g
	ETOP	Pink paste opaque light-curing for covering partial	3 g
	ETFP	**TENDERFP** Pink Orange Flow	2 g

Before and after case of Mr. Daniele Rondoni



Partial



Application of pink opaque



Opaque composite



Combinated prostheses in Tender composite and resin



Ena Cad

NEW

Perfect Functional and Aesthetic Biocompatibility

Ena Cad discs and blocks can be used to fabricate fully anatomical monolithics, inlays, crowns and suprastructures for functional, aesthetic rehabilitation also on implants. Ena Cad has a hardness similar to restorative composites. It is not as hard as zirconia, dental ceramics or other polymers and hybrids. This makes it easier to be milled and its physical characteristics are closer to those of natural teeth than other restorative materials, allowing it to absorb chewing stress better and making it the ideal material for inlays/onlays, crowns, implant overstructures.

Discs and blocks are available in the monolayer version in the following shades: UD0, UD0,5, UD1, UD2, UD3 and UD3,5. Shades UD1, UD2, UD3 and UD3,5 are available also in multilayer discs to offer additionally a better aesthetic integration especially in anterior area.

Physical properties	
Vickers hardness:	680-700 MPa
Modulus of elasticity:	9.500-10.000 MPa
Flexural strength:	160-180 MPa
Compressive strength:	475-495 MPa
Filler content:	70% (weight)
Radiopacity:	210% (aluminium)



ENA CAD Blocks

Available in Monolayer blocks (14,7x14,7 mm x h.18 mm)

Ref.	Description	Q.ty
TCBUD0,5-6	Ena Cad Block S UD0,5	6 pcs
TCBUD1-6	Ena Cad Block S UD1	6 pcs
TCBUD2-6	Ena Cad Block S UD2	6 pcs
TCBUD3-6	Ena Cad Block S UD3	6 pcs
TCBUD35-6	Ena Cad Block S UD3,5	6 pcs



ENA CAD Disc

Available in Monolayer and Multilayer discs.
Diameter 98.5 mm, in thicknesses 10/15/20 mm





Monolayer Discs

Ref.	Description	Q.ty
TCDUD0-15	Ena Cad Disc UD0 - 15x98,5 mm	1 pc
TCDUD0-20	Ena Cad Disc UD0 - 20x98,5 mm	1 pc
TCDUD0,5-10	Ena Cad Disc UD0,5 - 10x98,5 mm	1 pc
TCDUD0,5-15	Ena Cad Disc UD0,5 - 15x98,5 mm	1 pc
TCDUD0,5-20	Ena Cad Disc UD0,5 - 20x98,5 mm	1 pc
TCDUD1-10	Ena Cad Disc UD1 - 10x98,5 mm	1 pc
TCDUD1-15	Ena Cad Disc UD1 - 15x98,5 mm	1 pc
TCDUD1-20	Ena Cad Disc UD1 - 20x98,5 mm	1 pc
TCDUD2-10	Ena Cad Disc UD2 - 10x98,5 mm	1 pc

Ref.	Description	Q.ty
TCDUD2-15	Ena Cad Disc UD2 - 15x98,5 mm	1 pc
TCDUD2-20	Ena Cad Disc UD2 - 20x98,5 mm	1 pc
TCDUD3-10	Ena Cad Disc UD3 - 10x98,5 mm	1 pc
TCDUD3-15	Ena Cad Disc UD3 - 15x98,5 mm	1 pc
TCDUD3-20	Ena Cad Disc UD3 - 20x98,5 mm	1 pc
TCDUD35-10	Ena Cad Disc UD3,5 - 10x98,5 mm	1 pc
TCDUD35-15	Ena Cad Disc UD3,5 - 15x98,5 mm	1 pc
TCDUD35-20	Ena Cad Disc UD3,5 - 20x98,5 mm	1 pc



Multilayer Discs

Ref.	Description	Q.ty
TCDMUD1-15	Ena Cad Disc Multilayer UD1 - 15x98,5 mm	1 pc
TCDMUD1-20	Ena Cad Disc Multilayer UD1 - 20x98,5 mm	1 pc
TCDMUD2-15	Ena Cad Disc Multilayer UD2 - 15x98,5 mm	1 pc
TCDMUD2-20	Ena Cad Disc Multilayer UD2 - 20x98,5 mm	1 pc

Ref.	Description	Q.ty
TCDMUD3-15	Ena Cad Disc Multilayer UD3 - 15x98,5 mm	1 pc
TCDMUD3-20	Ena Cad Disc Multilayer UD3 - 20x98,5 mm	1 pc
TCDMUD35-15	Ena Cad Disc Multilayer UD3,5 - 15x98,5 mm	1 pc
TCDMUD35-20	Ena Cad Disc Multilayer UD3,5 - 20x98,5 mm	1 pc



Instruments

The ultimate solution for precise, bubble-free anatomical forms

Wide range of instruments for modelling Micerium resins and composites, both in anterior and posterior sectors.

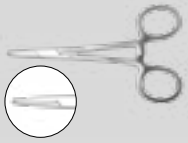
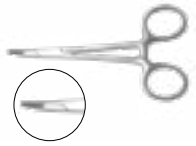
Brushes

The use of these brushes allows proper adaptation of the composite making the restoration imperceptible.

Model	Ref.	Description	Q.ty
	COSPEN11	Very fine bristle brush Model C for stain	1 pc
	COSPEN12	Medium bristle brush Model F for fossa	1 pc
	COSPEN13	Wider bristle brush Model M for manipulation	1 pc
	TPENS	Soft white silicone brushes Assorted brushes with silicone tip	5 pcs
	COSSTAIN01	Mixing palette with cover	1 pc



Various instruments

Mod.	Ref.	Description	Q.ty
	TDRK1	INSTRUMENTS KIT FOR COMPOSITE Instruments with inox steel tip Assorted ultra flexible screwable tips	 3 pcs 3 pcs
	TRAG	Grey ultra flexible tip shape A	2 pcs
	TRBG	Grey ultra flexible tip shape B	2 pcs
	TRCG	Grey ultra flexible tip shape C	2 pcs
	TDRK2	Carving instrument Kit PKT + Lecron	6 pcs
	WD1	Straight stainless steel haemostatic Mosquito forceps	1 pc
	WD2	Curved stainless steel haemostatic Mosquito forceps	1 pc
	WD3	Brushed stainless steel caliper for metal	1 pc



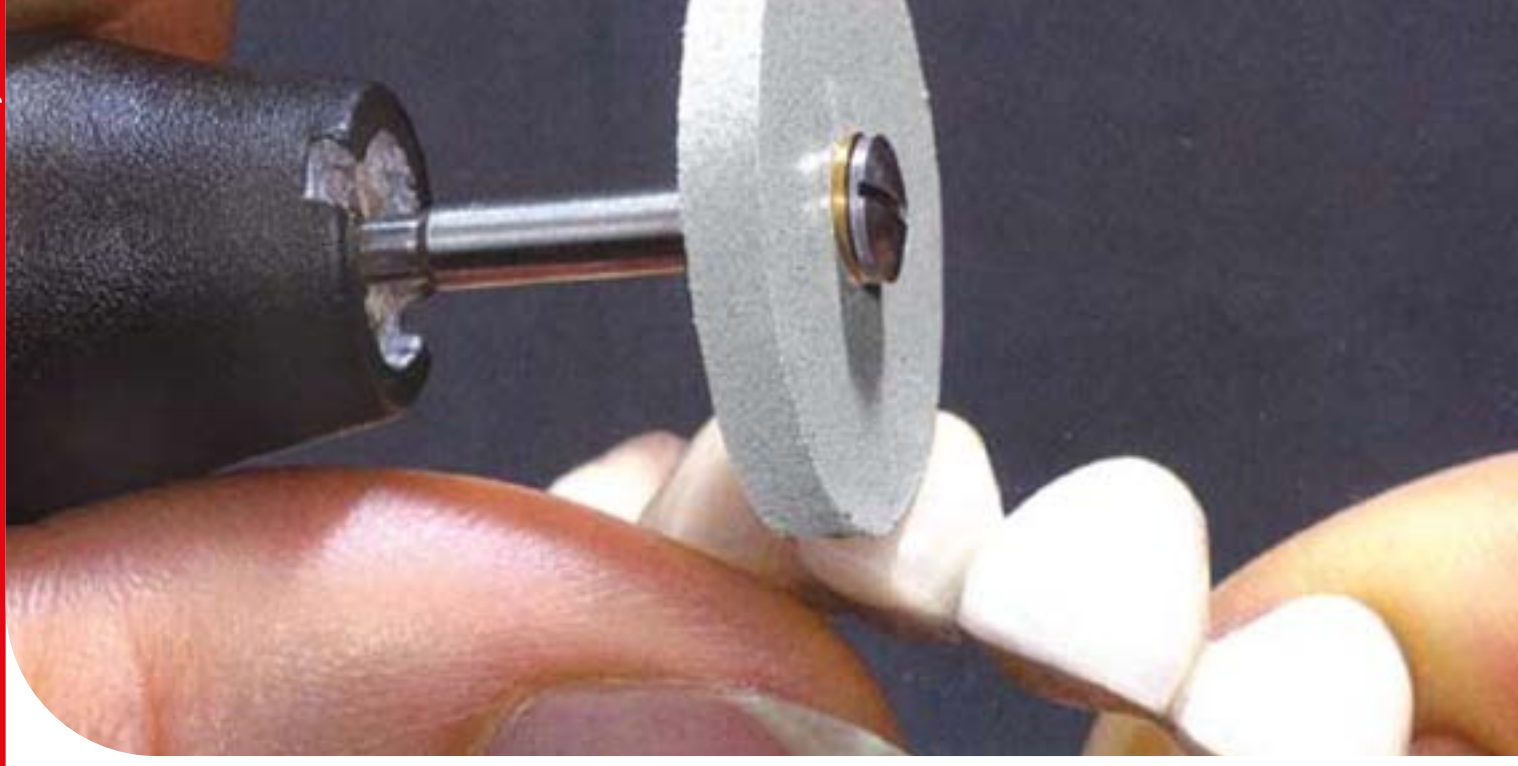
Anatomical Handsaw Tender Tray X

It allows a better view of the area that you're going to cut

Perfectly balanced to get fast and precise cuts. Adjustable inclination also for left-handed people

Ref.	Description	Q.ty
TX001	HANDSAW TENDER TRAY X 0,18 mm blue blade 0,25 mm gold blade	1 pc 1 pc 1 pc
TX018	Blades 0.18 mm blue	12 pcs
TX025	Blades 0.25 mm gold	12 pcs
TX018B	Blades 0.18 mm blue	100 pcs
TX025B	Blades 0.25 mm gold	100 pcs





Excellence in abrasives

The line includes a complete range of finishing and polishing rubber.

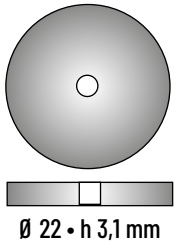


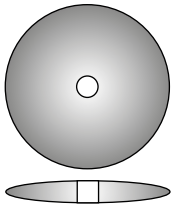
ZircoShiny

Abrasives and diamond polishers for zirconia - ceramic & composite

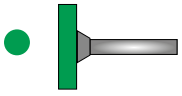
Ref.	Description	Q.ty
ZR1000	**ZIRCONIUM FINISHING AND POLISHING KIT:**	
	Green grinder taper end ZRG02	1 pc
	Green grinder wheel ZRG01	1 pc
	White silicone wheel D7504	1 pc
	White silicone knife edge D7510	1 pc
	Pink diamond silicone wheel ZR014	1 pc
	Pink diamond silicone knife edge ZR013	1 pc
	Grey diamond silicone wheel ZR025	1 pc
	Grey diamond silicone knife edge ZR024	1 pc

Polishers for zirconia & ceramic

	Shape	Ref.	Q.ty
○	 Ø 22 • h 3,1 mm	D7503*	1 pc
●		ZR014	1 pc
●		ZR025	1 pc

Shape	Ref.	Q.ty
 Ø 22	D7509*	1 pc
	ZR013	1 pc
	ZR024	1 pc

Diamond Abrasives

Tips	Ref.	Q.ty
	ZRG01 Grinder Wheel HP 2,5 • ø 12 mm	1 pc
	ZRG02 Grinder Taper END HP 11 • ø 4 mm	1 pc
	ZRG03 Grinder Taper end HP 13 • ø 5 mm	1 pc

○ *White silicone: Coarse for finishing* ● *Pink diamond silicone: Medium for polishing* ● *Grey diamond silicone: Extra-Fine for high-shine* ● *Green: Finishing of zirconia*

**12 pcs*

Abrasives and diamond polishers

for zirconia - ceramic & composite

Diamond paste for ceramic & composite for laboratory

Model	Ref.	Description	Q.ty
	ESA20	Ena Shiny A 3 µm paste for composite	20 g
	ESB20	Ena Shiny B 1 µm paste for composite	20 g
	ZRZ20	Zirco Shiny Z paste for ceramic/zirconia	20 g
	ZRSHP	HP brush for Zirco Shiny Z paste	12 pcs



Diamond disc

Model	Ref.	Disc	Q.ty
	D751	Superflexible diamond disc d/s ø 22 mm x 0,15 mm	1 pc
	D752	Superflexible diamond disc s/s ø 22 mm x 0,10 mm	1 pc
	ZR915CF	Diamond disc mod. 355524190 ISO 807 104 ø 19 • 0,16 mm	1 pc



Diamond burs Micerium

The high-quality Micerium diamond discs are available in both Standard (S) and Gold (G) versions with titanium nitride coating. Diamond discs up to 0.1 mm thick are also available.



HP	23	42	48	71	212	212	501	537	558	559	563	563
Standard	4030	4030	4030	4030	4020	4030	016	016	016	023	014	018
Ref.	D713	D714	D716	D717	D718	D719	D725	D726	D727	D728	D729	D730

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"Success is not the key to happiness.
Happiness is the key to success.
If you love what you are doing, you will be successful."
Albert Schweitzer

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