

ENA CEM HV

ENA CEM^{HV} 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
- High aesthetics

Ref	Description	Q.ty
CPCBDK	ENA CEM HV KIT for cementation of aesthetic veneers from temporary to the final element BD1 (A1), BD2 (A2), BD3 (A3) + Ena Soft Flow	3x2 g 1 g
CPCBD1	Dentine BD1 (A1)	2 g
CPCBD2	Dentine BD2 (A2)	2 g
CPCBD3	Dentine BD3 (A3)	2 g

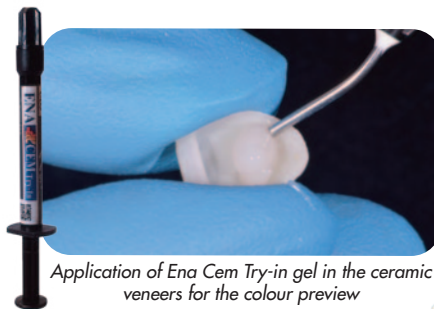
PHYSICAL PROPERTIES

PRODUCT	THICKNESS µm (FORCE 35N)	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%

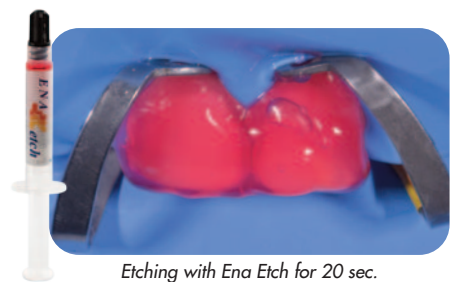
Clinical cases of Dr. Lorenzo Vanini



Feldspathic ceramic veneers



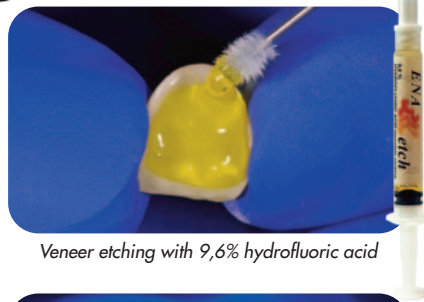
Application of Ena Cem Try-in gel in the ceramic veneers for the colour preview



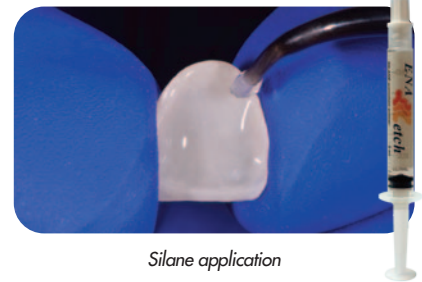
Etching with Ena Etch for 20 sec.



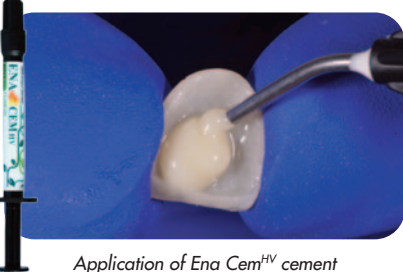
Veneer cementation: adhesive brushing for 40 sec. with Ena Bond



Veneer etching with 9,6% hydrofluoric acid



Silane application



Application of Ena Cem^{HV} cement



Light curing for 60 sec. each side



Rubber dam removal and polishing