

Vivaglass® CEM PL

HIGHLY TRANSLUCENT SELF-CURING GLASS IONOMER CEMENT



ivoclar
vivadent®
clinical

CONVENIENT

Vivaglass CEM PL* is a self-curing glass ionomer composed of optimally coordinated powder and liquid components. The excellent wetting properties and straightforward mixing ratio – 1 drop + 1 scoop for 1 crown – allow the two components to be mixed in seconds.



PATENTED DROPPER MECHANISM

The exact amount of liquid is easy to dispense from the innovative tube with its patented dropper mechanism. Consistent results are ensured.

*) PL = Powder/Liquid

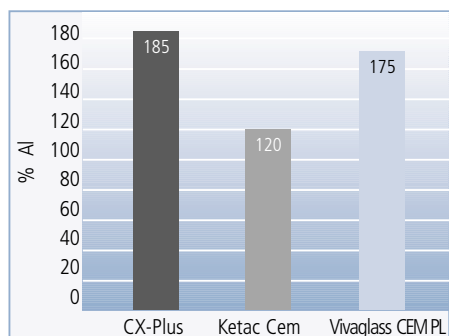
PROPERTIES

- ✦ High translucency
- ✦ Strong bond to dentin
- ✦ Easy mixing/thorough wetting
- ✦ Low solubility
- ✦ Continuous fluoride release
- ✦ Radiopacity
- ✦ Good flow properties
- ✦ Low film thickness
- ✦ Universal shade (yellowish white)



INDICATIONS

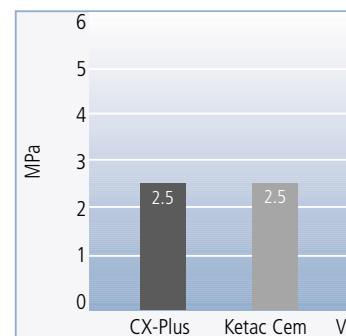
- ✦ Cementation of
 - ✦ inlays, onlays, crowns and bridges made of metal, metal-ceramic materials or metal with resin veneers, provided that adequate mechanical retention is available.
 - ✦ All-ceramic crowns and bridges made of high-strength ceramics (eg IPS Empress 2, aluminium oxide ceramics, zirconium oxide ceramics)
 - ✦ Metal posts and indirect post and core complexes
 - ✦ Orthodontic bands
 - ✦ Ready-made steel crowns



Radiopacity

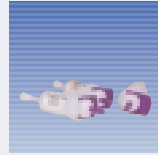
The radiopacity of Vivaglass CEM PL is comparable to that of the competitive products shown. The material is easy to distinguish on X-rays.

In-house study
R&D Ivoclar Vivadent, Schaan
CX-Plus is a registered trademark of Shofu, Ketac Cem is a registered trademark of 3M/ESPE.



AESTHETIC

In addition to the hand-mix powder-liquid (PL) and the innovative tube delivery systems, Vivaglass CEM is also available in encapsulated form as Vivaglass CEM IC (Injection Capsule).



Ivoclar Vivadent injection capsules are compatible with all commercially available mixers and applicators.

PROCEDURE

The powder and liquid are mixed at a ratio of 1:1 and the cement is applied. Done!

- ✦ No etching, no bonding, no rubber dam
- ✦ Chemically curing
- ✦ Strong bond to metal, ceramics and dentin

RANGE OF APPLICATION

- ✦ Reinforced all-ceramics such as IPS Empress, zirconium oxide or aluminium oxide ceramics
- ✦ Metal-ceramics such as IPS Classic and IPS d.SIGN



TRANSLUCENCY

The high translucency of Vivaglass CEM PL compared with competitive materials ensures aesthetic results in the cementation of restorations made of all-ceramics or exposed ceramic shoulders.

Vivaglass CEM PL

Ketac-Cem

CX-Plus

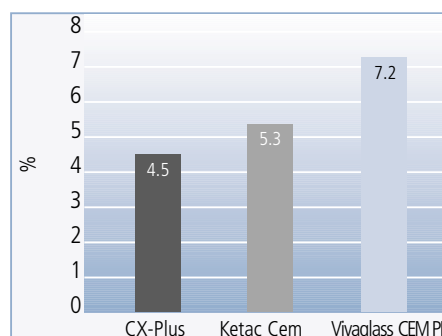


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Bond to dentin

Vivaglass CEM PL achieved the highest dentin bonding values of the competitive products shown in shear bond strength tests.

In-house study
R&D Ivoclar Vivadent, Schaan
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Ketac Cem is a registered trademark of 3M/ESPE.



Translucency

Because of its high translucency and light shade, the cement is ideal for achieving aesthetic results.

In-house study
R&D Ivoclar Vivadent, Schaan
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INNOVATIVE PACKAGING

DELIVERY FORMS

INJECTION CAPSULES

Refill

25 capsules
Vivaglass CEM IC, 0.4 g
Universal shade



Applicator for capsules



HAND-MIX VERSION

Assortment

- 1 tube Vivaglass CEM PL Liquid, 10 ml
- 1 bottle Vivaglass CEM PL Powder, 30 g
- 1 measuring scoop
- 1 mixing pad



Refill Liquid

- 1 tube Vivaglass CEM PL Liquid, 10 ml



Refill Powder

- 1 bottle Vivaglass CEM PL Powder, 30 g



Descriptions and data constitute no warranty of attributes and are not binding.

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Production and Distribution
Ivoclar Vivadent AG
Benderstr. 2
FL-9494 Schaan
Principality of Liechtenstein
Phone +423 / 235 35 35
Fax +423 / 235 33 60
www.ivoclarvivadent.com

ivoclar
vivadent[®]
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