

Vivaglass[®] CEM

Highly translucent self-curing glass ionomer cement

Exceptionally esthetic
Amazingly easy



Esthetic results

The self-curing glass ionomer cement Vivaglass® CEM combines the desirable properties of efficiency, ease of use and esthetics. Due to its high translucency, natural-looking results are accomplished swiftly. Vivaglass CEM is suitable for the conventional cementation of a wide variety of indirect restorations, for example:

- Inlays, onlays, crowns and bridges made of metal
- Crowns and bridges made of high-strength ceramics
- Metal posts as well as indirect metal post and core complexes
- Orthodontic bands
- Ready-made steel crowns

High translucency and versatile shade

If adequate retention is present, Vivaglass CEM can also be used to cement high-strength all-ceramic restorations, such as crowns and bridges made of lithium disilicate glass-ceramic and oxide ceramic.

The excellent optical properties of Vivaglass CEM enhance the esthetic characteristics of all-ceramic restorations. The results in terms of esthetics are comparable to those achieved in the adhesive cementation of all-ceramic restorations.



An all-ceramic crown bonded with the adhesive technique has a very natural-looking appearance.



The same type of light distribution and appearance can be achieved with Vivaglass CEM: Reflect 02/2008, Ivoclar Vivadent AG, Dr. Andreas Kurbad.

Accurate dropper mechanism



Vivaglass CEM is extremely easy to dose, since the powder and liquid components are optimally coordinated. The accurate dropper mechanism of the bottle allows the liquid to be dispensed with precision – entirely without leaking. Therefore, consistent results are ensured.

The mixing ratio of 1 drop liquid to 1 scoop of powder is generally adequate for cementing an average-size crown. This quantity has to be increased for larger restorations.

Cementation made easy

Clinical Case



1 Pre-operative situation.



2 Vivaglass CEM is mixed.



3 Vivaglass CEM is applied.



4 The crowns are seated.



5 Post-operative situation.

Vivaglass CEM is easy to use: Simply mix the powder and the liquid in a 1:1 ratio and immediately seat the restoration.

Vivaglass CEM eliminates the need for time-consuming conditioning of the prepared tooth with etching gel and adhesives or the priming of restorations. Due to the moisture tolerance of the glass ionomer cement, a rubber dam does not have to be placed. The operator and the patient benefit from considerably reduced treatment times in comparison with adhesive bonding.

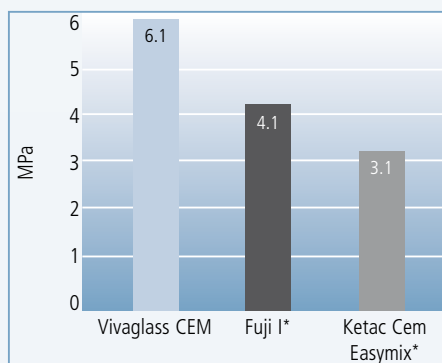
As a result of the product's technique tolerance and sustained fluoride release, less post-operative sensitivity occurs.

Easy removal of excess

Efficient and effective removal of excess cement after the placement of the restoration prevents gum tissue from becoming inflamed. Excess Vivaglass CEM can be removed with ease – even after the cement has completely hardened.

Bond to dentin

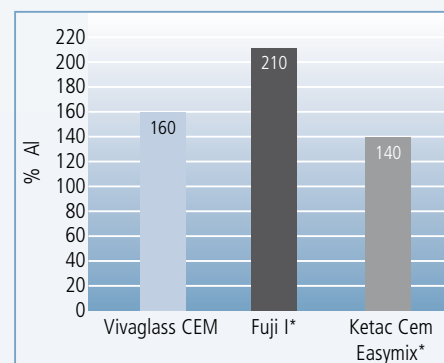
Vivaglass CEM achieved the highest dentin bonding values of the competitive products shown in shear bond strength tests.



Source: R&D Ivoclar Vivadent AG, Schaan, July 2010
* Not a registered trademark of Ivoclar Vivadent AG

Radiopacity

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



Source: R&D Ivoclar Vivadent AG, Schaan, July 2010
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Vivaglass® CEM

Indication Range

Combinations by Products

IPS e.max® Press	✓
IPS e.max CAD	✓
IPS e.max ZirPress Veneers	–
IPS e.max Ceram Veneers	–
IPS e.max ZirCAD	✓
IPS Empress® Esthetic	–
IPS Empress CAD	–
	✓
SR Adoro® (metal-based)	
SR Adoro (metal-free)	–
IPS d.SIGN® (metal ceramic)	✓
IPS InLine® / IPS InLine PoM (metal ceramic)	✓
IPS Classic® (metal ceramic)	✓
FRC Postec® Plus	–
CosmoPost	–

By Indication

Metal/Metal-based	
Inlays/Onlays	✓
Crowns/Bridges	✓
Endodontic Posts	✓
Maryland Bridges	–
Conventional Glass-Ceramics (e.g. leucite-reinforced)	–
Lithium Disilicate (LS ₂) Glass-Ceramics	
Inlays/Onlays	–
Veneers	–
Crowns	✓
3-Unit Bridges	✓
Oxide Ceramics (Zirconia/Alumina)	
Crowns/Bridges	✓
Endodontic Posts	–
Indirect Composites	–

Vivaglass® CEM

Delivery forms

Vivaglass CEM
562256AN

Assortment

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



Vivaglass CEM Liquid
638995AN

Refill

- 1 tube Vivaglass CEM
Liquid, 10 ml





Fixed prosthetics

Vivaglass® CEM forms a part of the “Fixed Prosthetics” product category. The products of this category cover the procedure involved in the fabrication of fixed prosthetic restorations – from temporization to restoration care. The products are optimally coordinated with each other and enable successful processing and application.



THESE ARE FURTHER PRODUCTS OF THIS CATEGORY:

IPS InLine® System

Versatile metal-ceramics



Success with a system

- Easy to use in any application
- Desired results are rapidly obtained
- Esthetically pleasing shade effects

Cervitec®

The protective varnish containing chlorhexidine and thymol



Maintaining the quality of restorations

- Targeted – professional application in risk areas
- Effective – intensive care for high-quality restorations
- Efficient – optimum pink-white esthetics

Would you like to know more about the products of the “Fixed Prosthetics” category? Simply get in touch with your contact person at Ivoclar Vivadent or visit www.ivoclarvivadent.com for more information.

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