e.max®
IPS

all ceramic
all you need

Information for the Dentist

for cementation of IPS e.max® all-ceramics

This esthetic dental restoration is made of IPS e.max reinforced all-ceramic.
Please observe the following recommendations for cementation.

Laboratory stamp

Ivoclar Vivadent AG
Bendererstr. 2 | FL 9494 Schaan | Liechtenstein | Tel.: +423 235 35 35 | Fax: +423 235 33 60

ivoclar vivadent
passion vision innovation

Preparing for cementation – glass-ceramics

	☐ Tooth/teeth: _____			☐ Tooth/teeth: _____			☐ Tooth/teeth: _____
	IPS e.max Press			**IPS e.max CAD**			**IPS e.max Ceram / IPS e.max ZirPress**
Material	Lithium disilicate glass-ceramic (LS_2)			Lithium disilicate glass-ceramic (LS_2)			Nano-fluorapatite glass-ceramic
Indication	**Thin Veneers, veneers, occlusal veneers, inlays, onlays, partial crowns**	**Anterior and posterior crowns, 3-unit bridges up to the 2nd premolar**		**Thin Veneers, veneers, inlays, onlays, partial crowns**	**Anterior and posterior crowns, 3-unit bridges up to the 2nd premolar**		**Veneers**
Cementation method	Adhesive	Adhesive	Self-adhesive/ conventional	Adhesive	Adhesive	Self-adhesive/ conventional	Adhesive
Blasting	–			–			–
Etching	20 sec with IPS® Ceramic Etching Gel			20 sec with IPS® Ceramic Etching Gel			20 sec with IPS® Ceramic Etching Gel
Conditioning	60 sec with Monobond® Plus *			60 sec with Monobond® Plus *			60 sec with Monobond® Plus
Cementation system	Variolink® Esthetic, Multilink® Automix **	Variolink® Esthetic, Multilink® Automix	SpeedCEM®, Vivaglass® CEM	Variolink® Esthetic, Multilink® Automix **	Variolink® Esthetic, Multilink® Automix	SpeedCEM®, Vivaglass® CEM	Variolink® Esthetic

The range of products on offer may vary from country to country.
* Conventional cementation is done without conditioning.
** Not suitable for thin veneers and veneers.

Please observe the corresponding Instructions for Use

Preparing for cementation – zirconium oxide ceramics

	☐ Tooth/teeth: _____		☐ Tooth/teeth: _____		☐ Tooth/teeth: _____	
	IPS e.max ZirCAD / IPS e.max ZirPress		**IPS e.max ZirCAD / IPS e.max CAD**		**IPS e.max ZirCAD / IPS e.max Ceram**	
Material	Zirconium oxide (ZrO_2) / Nano-fluorapatite glass-ceramic		Zirconium oxide (ZrO_2) / Lithium disilicate glass-ceramic (LS_2)		Zirconium oxide (ZrO_2) / Nano-fluorapatite glass-ceramic	
Indication	**Crowns and bridges w./w.o. pressed shoulder**		**Crowns and bridges**		**Crowns and bridges**	
Cementation method	Adhesive	Self-adhesive/ conventional	Adhesive	Self-adhesive/ conventional	Adhesive	Self-adhesive/ conventional
Blasting	Cleaning with Al_2O_3 at max. 1 bar		Cleaning with Al_2O_3 at max. 1 bar		Cleaning with Al_2O_3 at max. 1 bar	
Etching	–		–		–	
Conditioning	60 sec with Monobond® Plus *		60 sec with Monobond® Plus *		60 sec with Monobond® Plus *	
Cementation system	Multilink® Automix	SpeedCEM® Vivaglass® CEM	Multilink® Automix	SpeedCEM® Vivaglass® CEM	Multilink® Automix	SpeedCEM® Vivaglass® CEM

The range of products on offer may vary from country to country.
* Conventional cementation is done without conditioning.

Please observe the corresponding Instructions for Use

Recommendation for Cementation

Variolink® Esthetic

Esthetic light- and dual-curing luting composite for exceptional esthetics and user-friendly processing

Indication

Adhesive luting of glass-ceramic, lithium disilicate glass-ceramic and composite restorations (inlays, onlays, partial crowns, crowns, bridges).

Advantages

- Balanced and concise Effect shade system
- Excellent shade stability due to amine-free composition
- Easy, controlled excess removal

Multilink® Automix

The universal resin-based luting cement Multilink offers a wide range of indications. Furthermore, it generates a very strong bond on all material surfaces.

Indication

Adhesive luting of indirect restorations made of:

- all-ceramics
- reinforced all-ceramics (zirconium oxide / lithium disilicate, aluminium oxide)
- metal and metal-ceramics

Advantages

- self-curing with light-curing option
- self-etching Multilink Primer
- high bond strength

SpeedCEM®

Self-adhesive, self-curing resin cement with light-curing option. It simplifies and speeds up cementation procedures and eliminates the need for conditioning with phosphoric acid and bonding.

Indication

Self-adhesive cementation of indirect restorations made of:

- reinforced all-ceramics (zirconium oxide / lithium disilicate, aluminium oxide)
- metal and metal-ceramics
- fibre-reinforced composites (FRC)

Advantages

- Self-adhesive and dual-curing
- easier to process than a conventional cement
- easy removal of excess

Vivaglass® CEM

Self-curing glass ionomer cement for conventional cementation techniques. The specific glass filler used in Vivaglass CEM imparts the material with a comparably high translucency.

Indication

Conventional cementation of indirect restorations made of:

- reinforced all-ceramics (zirconium oxide, aluminium oxide)
- metal and metal-ceramics
- for orthodontic bands and metal root posts

Advantages

- good bond strength
- easy mixing
- easy removal of excess

For more information about cementation visit **www.ivoclarvivadent.com**

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