IPS e.max® CAD
Step-by-step for CEREC®

all ceramic all you need

1 Preparation / CAD/CAM process / Try-in

Observe the preparation guide-lines and minimum thicknesses for **preparation**

As a preparation for intra-oral imaging, cover the preparation with **IPS Contrast Spray Chairside**

CAD/CAM process
Mill the restoration from **IPS e.max CAD**

Smooth out the attachment points and finish the restoration. **Observe the minimum thickness and contact points.**

Try in the restoration in its blue state. Check and adjust the occlusion/articulation, if required.

2 Preparation for combination firing* (Crystallization and Glaze)

Fill the restoration with **IPS Object Fix Putty** and press the **IPS e.max CAD Crystallization Pin** into the Putty material.

Adapt IPS Object Fix Putty to the pin and crown margin. Avoid contamination of the outer side of the restoration.

Remove any **contamination** from the outer surface of the crown using a brush dampened in water.

Apply individual characterizations using **IPS e.max CAD Crystall./ Shades and Stains**.

Spray an even and covering layer of **IPS e.max CAD Crystall./ Glaze Spray** onto the restoration.

3 Combination firing / Cleaning / Try-in

Place the restoration in the center of the **IPS e.max CAD Crystallization Tray**.

Conduct the **combination firing** based on the number of restorations and the type of glazing using the **Programat CS2**.

After cooling, **remove** the **restoration** from the auxiliary firing paste.

Clean the **restoration** with ultra-sound in a water bath.

After crystallization, **try in** the restoration.

4 Preparation for cementation / Placement

Before final placement, **etch the restoration** for **20 seconds** using **IPS Ceramic Etching Gel.**

Allow **Monobond® Plus** to react for 60 seconds and dry with air.

Clean the preparation, rinse with water and blow dry with air. Apply Multilink® Automix Primer A/B, scrub it in for 30 seconds and disperse excess with blown air.

Apply Multilink® Automix to the internal surface of the restoration.

IPS e.max CAD restoration in situ.

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* IPS e.max CAD Crystall./Glaze Paste may optionally be used to glaze the restoration. For the fabrication of inlays and onlays, observe the Instructions for Use of IPS e.max chairside!

IPS e.max® CAD

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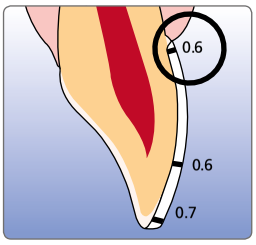
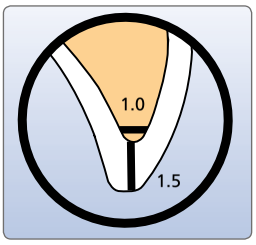
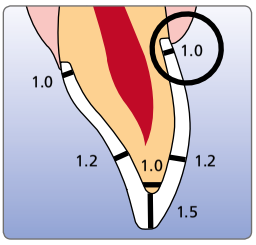
Preparation guidelines

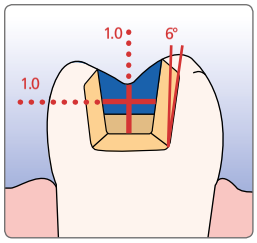


Veneer

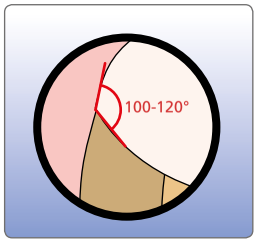


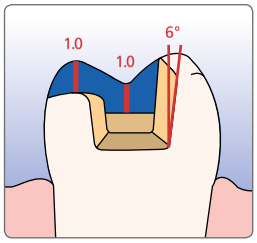


Anterior crown

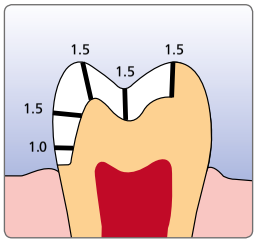


Inlay

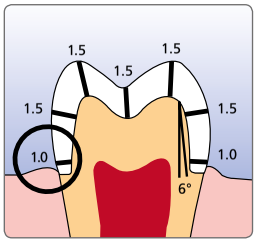




Onlay



Partial crown



Posterior crown

Programat® CS2

The Programat CS2 is the ideal ceramic and crystallization furnace for dentists. It has been especially developed for the crystallization of IPS e.max CAD restorations.

Among other features, the Programat CS2 is equipped with pre-installed IPS e.max CAD programs, which are used depending on the working technique and glaze material (spray or paste). Also, individual programs can be saved.

Cementation

	IPS e.max CAD (lithium disilicate glass-ceramic)		
Indication	**Veneers, Inlays, partial crowns**	**Anterior and posterior crowns**	
Cementation method	adhesive	adhesive	self-adhesive*/ conventional
Etching	20 sec. with IPS® Ceramic Etching Gel	20 sec. with IPS® Ceramic Etching Gel	
Conditioning/Silanating	60 sec. with Monobond® Plus	60 sec. with Monobond® Plus	----[1)]
Cementation material	Variolink® Esthetic, Multilink® Automix	Variolink® Esthetic, Multilink® Automix	SpeedCEM® Vivaglass CEM® *

1) For self-adhesive cementation, the restorations must be silanized.

* self-adhesive powder/liquid systems

See Instructions

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627931/en/2015-04-13

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