

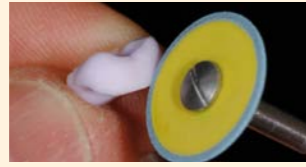
# Application of IPS e.max Ceram Shades, Essences and Glaze

## Option 2

Characterizing and glazing *crystallized, tooth-shaded* restorations



### 1 Finishing and checking



Finish margins with suitable instruments.



Finish functional areas with a fine diamond.



Check the proximal and occlusal contact points.

### 2 Crystallization



Fill the inner aspect of the restoration with a generous amount of IPS Object Fix Putty or Flow and place the restoration on the IPS e.max CAD Crystallization Tray.



Crystallize the restoration without Shades, Stains or Glaze.

#### Firing parameters Crystallization / Glaze HT/LT

Furnace	Stand-by temperature B [°C]	Closing time S [min]	Heating rate t [°C/min]	Firing temperature T <sub>1</sub> [°C]	Holding time H <sub>1</sub> [min]	Heating rate t [°C/min]	Firing temperature T <sub>2</sub> [°C]	Holding time H <sub>2</sub> [min]	Vacuum 1 T <sub>1</sub> [°C]	Vacuum 2 T <sub>2</sub> [°C]	Long-term cooling L [°C]	Cooling rate t [°C/min]
P300	403	6:00	90	820	0:10	30	840	07:00	550/820	820/840	700	0
P500												
P700												

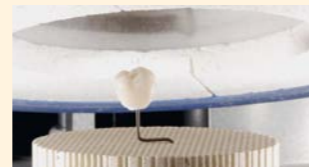
### 3 Stains and Glaze firing (conduct together or separately depending on the situation)



Apply IPS e.max Ceram Glaze Paste or Powder before Glaze firing.



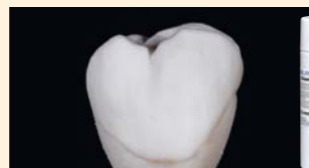
Apply IPS e.max Ceram Essence and Shades before the Stains firing.



Conduct the Stains and Glaze firing on a honey-combed tray using the stipulated parameters.



Apply IPS e.max Ceram Essence and Shades before the Stains firing.



Spray the IPS e.max Ceram Glaze Spray on the unfired Shades and Stains.



Conduct the Stains and Glaze firing on a honey-combed tray using the stipulated parameters.

#### Firing parameters for the Stains and Characterization firing, Glaze firing

IPS e.max Ceram on IPS e.max CAD Staining technique	B [°C]	S [min]	t [°C/min]	* [°C]	* [min]	*c [°C]	** [°C]
Stains and Characterization firing	403	6:00	60	770	1:00-2:00	450	769
Glaze firing	403	6:00	60	770	1:00-2:00	450	769

### 4 Optional Corrective firing with IPS e.max Ceram Add-On



Apply IPS e.max Ceram Add-On on the areas to be supplemented and carry out the Add-On firing.

#### Firing parameters for the Add-On after Glaze Firing

IPS e.max Ceram on IPS e.max CAD Staining technique	B [°C]	S [min]	t [°C/min]	* [°C]	* [min]	*c [°C]	** [°C]
Add-On after Glaze firing	403	6:00	403	770	1:0050:700	450	699

# IPS e.max CAD



all ceramic all you need

## Staining Technique

with IPS e.max CAD Crystall.  
or IPS e.max Ceram

CE 0123

636282/0910e

