

exocad® Parameters for Copings, Crowns and Bridges Design built with EnvisionTEC 3D Printers

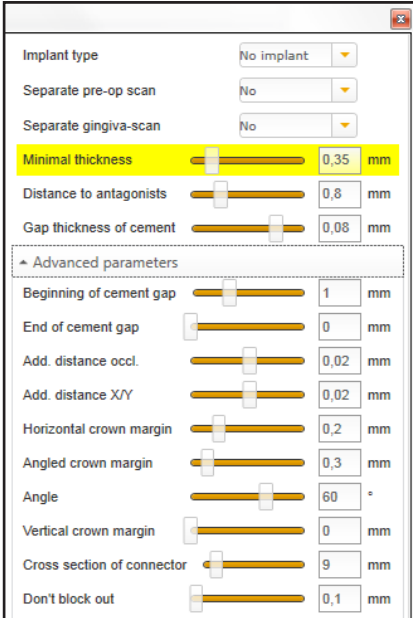
The **exocad®** DentalCad software has been successfully tested by EnvisionTEC® for coping, crowns and bridges design used on our machines from the **Perfactory®** and **Desktop** series. The software settings for the different model types as shown below will help you achieve the best results.

We recommend the use of our **E-Partial** material for your build models.

For the design of copings, crowns and bridges, the **DentalCAD** module is used.

Settings for Single and Bridged Copings

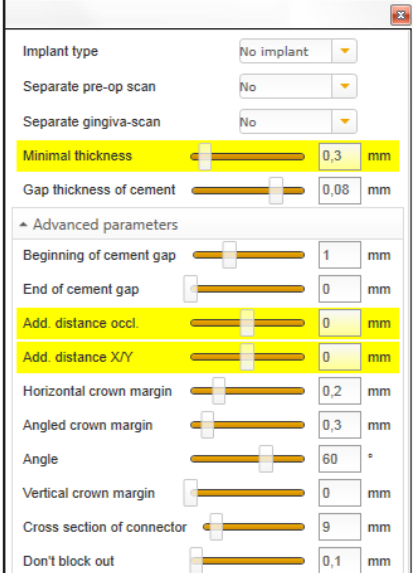
We recommend the following settings for the design of copings:



Implant type	No implant	mm
Separate pre-op scan	No	
Separate gingiva-scan	No	
Minimal thickness	0,35	mm
Distance to antagonists	0,8	mm
Gap thickness of cement	0,08	mm
Advanced parameters		
Beginning of cement gap	1	mm
End of cement gap	0	mm
Add. distance occl.	0,02	mm
Add. distance X/Y	0,02	mm
Horizontal crown margin	0,2	mm
Angled crown margin	0,3	mm
Angle	60	°
Vertical crown margin	0	mm
Cross section of connector	9	mm
Don't block out	0,1	mm

Settings for Single and Bridged Crowns

The following settings are recommended for the design of crowns:



Implant type	No implant	mm
Separate pre-op scan	No	
Separate gingiva-scan	No	
Minimal thickness	0,3	mm
Gap thickness of cement	0,08	mm
Advanced parameters		
Beginning of cement gap	1	mm
End of cement gap	0	mm
Add. distance occl.	0	mm
Add. distance X/Y	0	mm
Horizontal crown margin	0,2	mm
Angled crown margin	0,3	mm
Angle	60	°
Vertical crown margin	0	mm
Cross section of connector	9	mm
Don't block out	0,1	mm