













General instructions

Cementation of zirconia restorations on titanium bases

Required tools and materials

-  Sand blaster (aluminium oxide: grain size 110 µm; 3,5 bar)
-  Swab
-  Brush for primer application
-  Steam cleaner
-  Hexagonal wrench
-  Dual-cure cement of the latest generation*
-  Dry and oil-free compressed air ISO/DIN 7494-2:2014-03
-  Easily removable material (e.g.: wax)
-  Light curing lamp
-  Universal bonder*
-  Universal primer*
-  Tool for removal of excess cement

⚠️ * ATTENTION! Please follow respective instructions from the manufacturer! Differences are possible due to simplified process descriptions.

1. Pre-treatment/Cleaning of the zirconia restoration

1 Sand blast with aluminium oxide (110 µm; 3,5 bar)

2 Steam clean

3 Dry with compressed air

4 Apply the bonder*

5 Remove excess with compressed air and let it dry (60 s)

Recommendation for better adhesion:
Mill retentions on the inside of the zirconia abutment

2. Preparation of the Zirkonzahn titanium bases

1 Steam clean

2 Place the titanium base on the model and dry it with compressed air

3 Apply easily removable filling material

4 Apply the primer*

5 Dry with compressed air (60 s)

⚠️ * ATTENTION! Please follow the respective instructions from the manufacturer! Differences are possible due to simplified descriptions.

NOTE: The titanium bases can be cemented inside the mouth or outside, depending on the case, height of the gingiva, etc. Preferably the cementation occurs on the model outside of the mouth. Otherwise there is a risk of contaminating the titanium bases with saliva.

3. Restoration cementation

1 Apply the cement*

2 Push down firmly

3 Polymerise (2 s) and remove excess cement

4 Polymerise around restoration (120 s)

5 Remove the filling material

6 Cemented restoration