


General instructions

Cementation of zirconia inlays, onlays and veneers

Required tools and materials


 Sand blaster (aluminium oxide: grain size 110 µm; 3.5 bar)


 Swab

 Light curing lamp

 Steam cleaner

 Etching gel*


 Tool for removal of excess cement

 Dry and oil-free compressed air ISO/DIN 7494-2:2014-03

 Universal primer*

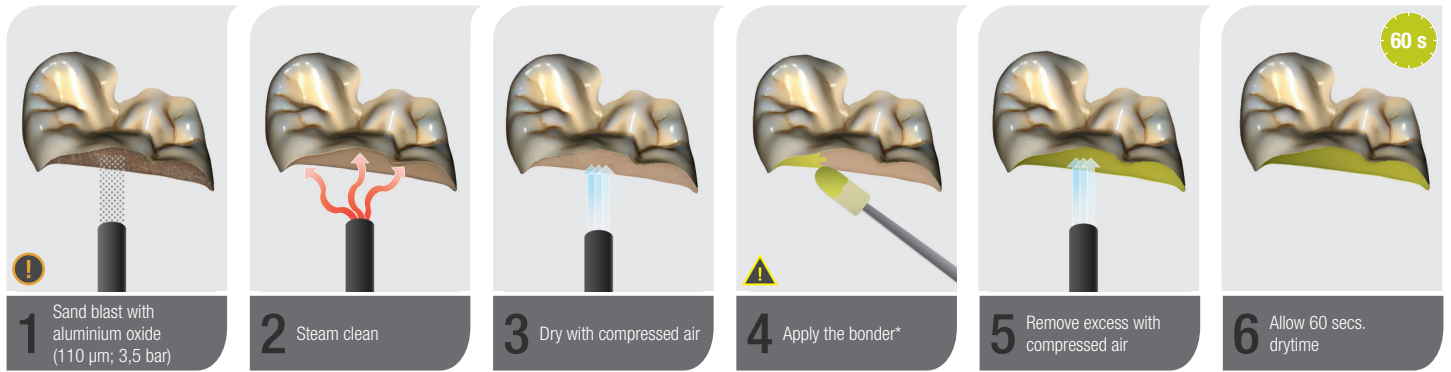
 Glycerine gel*

 Universal bonder*

 Adhesive cement of the latest generation or glass ionomer cement*

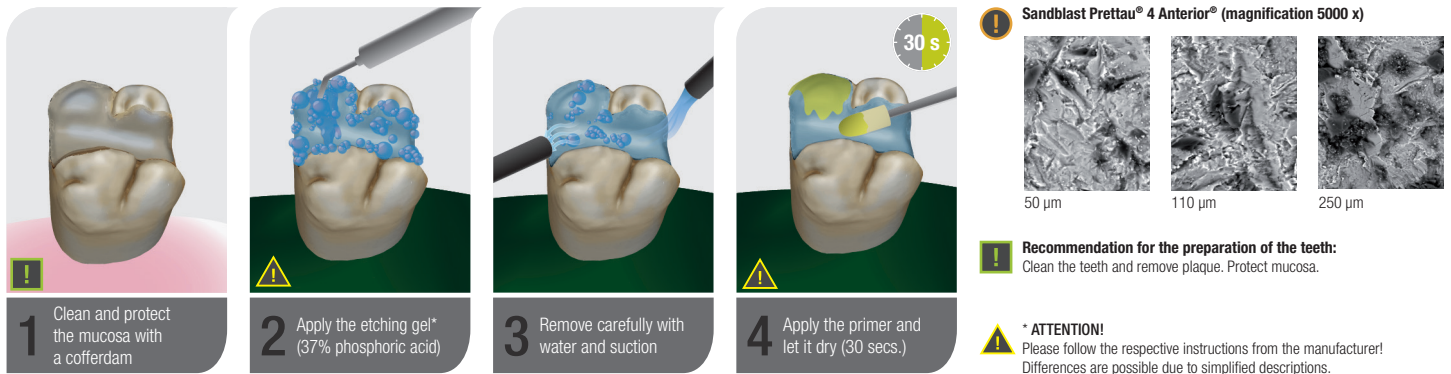
 *** ATTENTION!** Please follow the respective instructions from the manufacturer! Differences are possible due to simplified descriptions.

1. Pre-treatment/cleaning of the zirconia inlay, onlay and veneer



- 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
- 6 Allow 60 secs. drytime

2. Pre-treatment/cleaning of the cavity



- 1 Clean and protect the mucosa with a cofferdam
- 2 Apply the etching gel* (37% phosphoric acid)
- 3 Remove carefully with water and suction
- 4 Apply the primer and let it dry (30 secs.)

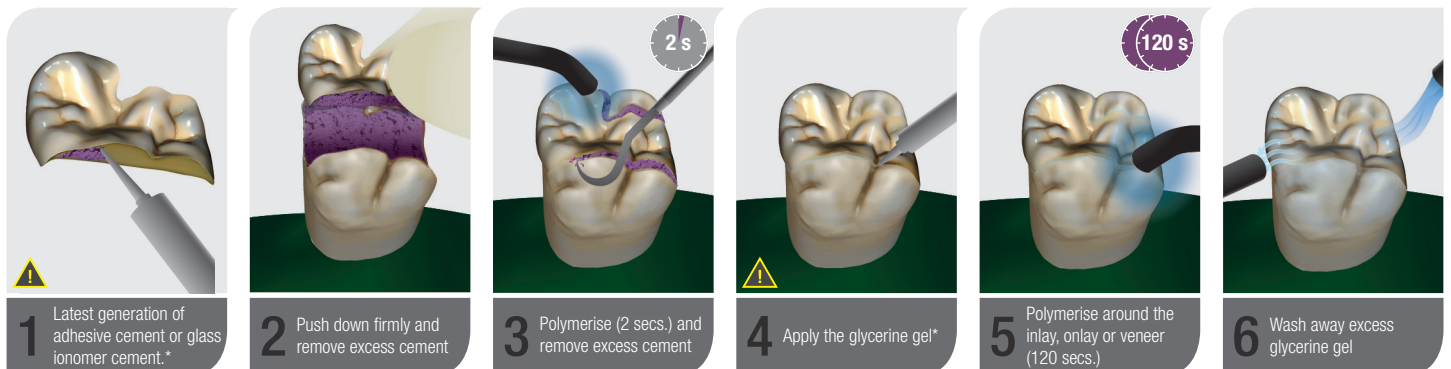
Sandblast Prettau® 4 Anterior® (magnification 5000 x)

50 µm 110 µm 250 µm

Recommendation for the preparation of the teeth:
Clean the teeth and remove plaque. Protect mucosa.

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3. Inlay, onlay and veneer cementation



- 1 Latest generation of adhesive cement or glass ionomer cement.*
- 2 Push down firmly and remove excess cement
- 3 Polymerise (2 secs.) and remove excess cement
- 4 Apply the glycerine gel*
- 5 Polymerise around the inlay, onlay or veneer (120 secs.)
- 6 Wash away excess glycerine gel