



+ **Pekkton® ivory.**
Bonding and cementing.

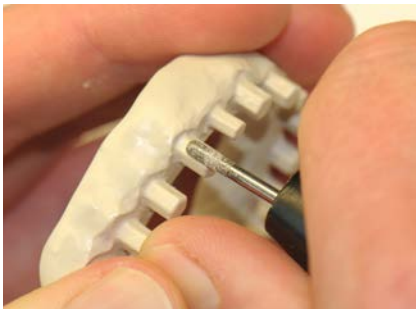
Bonding Composit/Acrylic/PMMA.

14.08.2017



Recommended products:

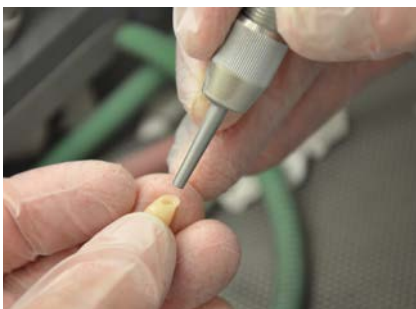
- visio.link (Bredent GmbH)
- anaxBLEND flow (Anaxdent GmbH)



Roughen the surface with a diamond bur. At low speed and with low pressure. The recommended speed is between 5000–10000 rpm.



Clean the surfaces to be bonded with alcohol.



Sandblast the acrylic teeth and the Pekkton® framework with unrecycled aluminium oxide (Al_2O_3) with a grain size of $110\ \mu m$ and a pressure of 2–3 bar. Then clean with oil-free compressed air or with alcohol. Do not steam clean!



Apply a thin coat of visio.link primer to the connecting areas of the teeth and the Pekkton® framework with a disposable brush.

Then cure with a suitable light-curing device according to the manufacturer's instructions.



Apply the composite into the cavities of the acrylic teeth (e.g. anaxBLEND Flow Dentin) and then press the tooth onto the assigned retention on the framework by hand.



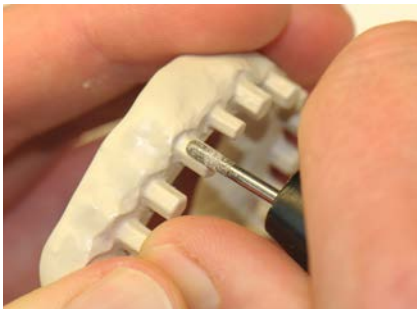
Curing is performed using a suitable light-curing device according to the instructions for use.

Cementing of ceramics/e.max/zirconia.

14.08.2017



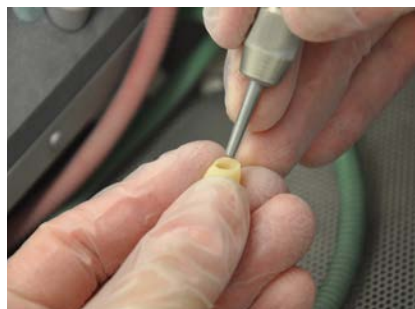
- Recommended products:
- Ceramic Etching Gel (Ivoclar Vivadent AG)
 - K-Primer (Bredent GmbH)
 - Multilink® Automix (Ivoclar Vivadent AG)
 - visio.link (Bredent GmbH)



Roughen the surface with a diamond bur. At low speed and with low pressure. The recommended speed is between 5000–10000 rpm.



Clean the surfaces to be bonded with alcohol.



Sandblast the ceramic crown and the Pekkton® framework with unrecycled aluminium oxide (Al_2O_3) with a grain size of $110\mu m$ and a pressure of 2 bar.

Then clean with oil-free compressed air or with alcohol. Do not steam clean!



Apply ceramic etch gel to the inside of the ceramic crown with a non-metallic instrument.

Reaction time 60 seconds.



Remove etching gel under running water.



Apply visio.link to the surface of the Pekkton® framework and light cure according to the manufacturer's instructions.



Apply ceramic primer to the inside of the ceramic crown and allow to react for 30 seconds.



Inject Multilink Automix into the crown and then place on the framework. Allow the cement to cure according the manufacturer's instructions. (self-curing)

Bonding Titanium.

14.08.2017



Recommended products:

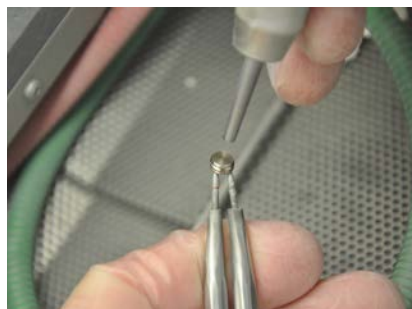
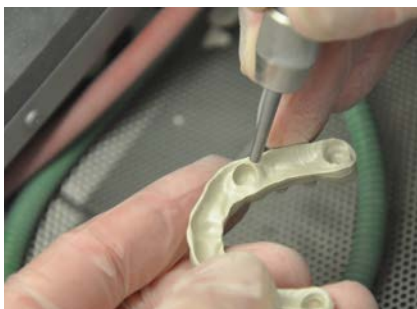
- visio.link (Bredent GmbH)
- Monobond plus (Ivoclar Vivadent AG)
- Multilink® Hybrid Abutment (Ivoclar Vivadent AG)



Roughen the Pekkton® surface with a diamond bur. At low speed and with little force. The recommended speed is between 5000–10000 rpm.



Clean with alcohol.



Sandblast the Pekkton® framework with unrecycled aluminium oxide (Al_2O_3) with a grain size of $110\ \mu\text{m}$ and a pressure of 2 bar.

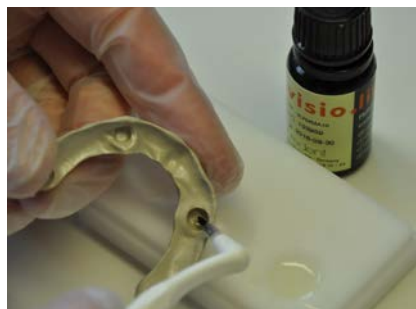
The Ti abutment is sandblasted with unrecycled aluminium oxide (Al_2O_3) with a grain size of $110\ \mu\text{m}$ and a pressure of 3 bar.



Clean Ti abutment with a steam device or oil-free compressed air.



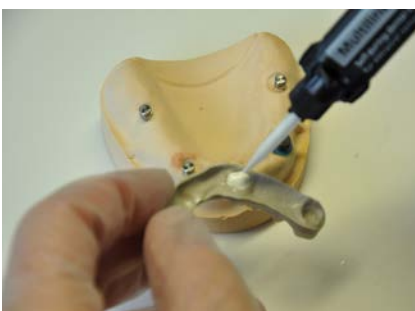
Block any undercuts with wax.
Insulate the model.



Apply visio.link to the surface of the Pekkton® framework and light cure according to the manufacturer's instructions.



Apply silane to the titanium surface and allow to react for 60 seconds.



Apply cement or bond to the Pekkton® framework and allow to cure according to the manufacturer's instructions. The use of Multilink® Hybrid Abutment by Ivoclar Vivadent AG is recommended.



Remove excess bond professionally.

