

Indication of the visio.lign primers



MKZ Primer
REF MKZ 0200 4



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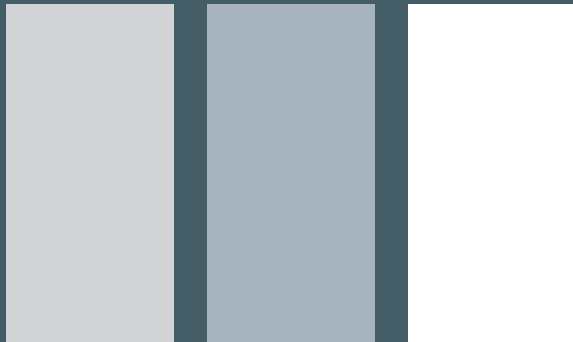
MKZ EM-Aktivator
REF MKZ EM00 4



K-Primer
REF APK 2500 3



visio.link
REF VLP MMA 1 0



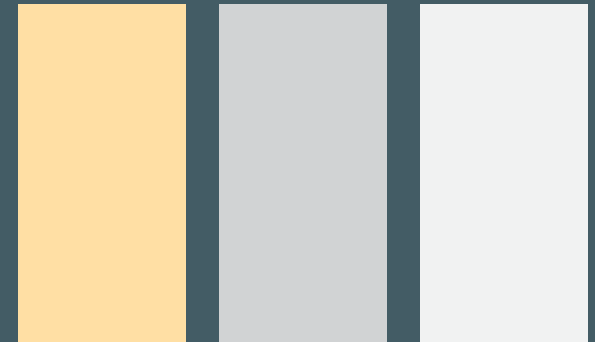
Titanium
CoCr
Zirconium oxide/
aluminium oxide



Precious metal
eco alloy
silver-palladium



Silicate/
veneering ceramic
e.max



Composite
PMMA/
teeth
High-perfor-
mance
polymers
BioHPP

Indication of the primers



MKZ Primer

To achieve adhesive bonding of composites to:

- CoCr (precious metal-free/non-precious metal) alloys
- Titanium alloys
- Zirconium dioxide (aluminium oxide/spinel ceramic)



MKZ Primer + MKZ EM-Aktivator (mix in ratio 1:1)

To achieve adhesive bonding of composites to:

- Precious metal alloys (Au/Ag/Pt/Pd)
- eco alloys (reduced precious metal content alloys)



K-Primer

To achieve adhesive bonding of composites to:

- Silicate ceramics (CAD blanks/e-max/Mark2/
lithium disilicate/glass ceramic)



visio.link

To achieve adhesive bonding of composites to:

- Composites (veneering composite/composite teeth)
- PMMA materials
- High-performance polymers (Bio XS/Bio HPP)

Conditioning of the frameworks

Conditioning of metal frameworks

(CoCr/precious metal free/non-precious metal/titanium/precious metal/precious metal-reduced):

Sandblast the metal frameworks with aluminium oxide (grit size: 110 µm) at a pressure of 3 to 4 bar. After sandblasting, the framework must not be cleaned with the steam jet! Use alcohol and a clean brush to remove any contaminations.

Then the corresponding primer is applied; wait until it has evaporated.

To condition precious metal frameworks, MKZ Primer and MKZ EM-Aktivator must be mixed in a ratio of 1:1.

Conditioning of oxide ceramic frameworks

(zirconium oxide/aluminium oxide/spinel ceramic):

Sandblast the ceramic frameworks with aluminium oxide (grit size: 110 µm) at a pressure of max. 2 bar or roughen (dry) using a diamond abrasive tool. After sandblasting/roughening, the framework must not be cleaned with the steam jet! Use alcohol and a clean brush to remove any contaminations.

Then the corresponding primer is applied; wait until it has evaporated.

Conditioning of resins

(composites/PMMA materials/high-performance polymers, such as Bio XS/Bio HPP):

Sandblast the resin/composite frameworks with aluminium oxide (grit size: 110 µm) at a pressure of 2 to 3 bars. After sandblasting, the framework must not be cleaned with the steam jet! Use alcohol and a clean brush to remove any contaminations.

Then visio.link is applied thinly and cured for 90 sec in the polymerization unit (wavelength range: 370 nm - 400 nm).

After curing, the conditioned surface should have a silky mat gloss to indicate a perfect layer thickness.

