

# Indication of the visio.lign primers



**MKZ Primer**  
REF MKZ 0200 4



**MKZ Primer**  
REF MKZ 0200 4



**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.

