Indication of the visio.lign primers

MKZ Primer
REF MKZ 0200 4

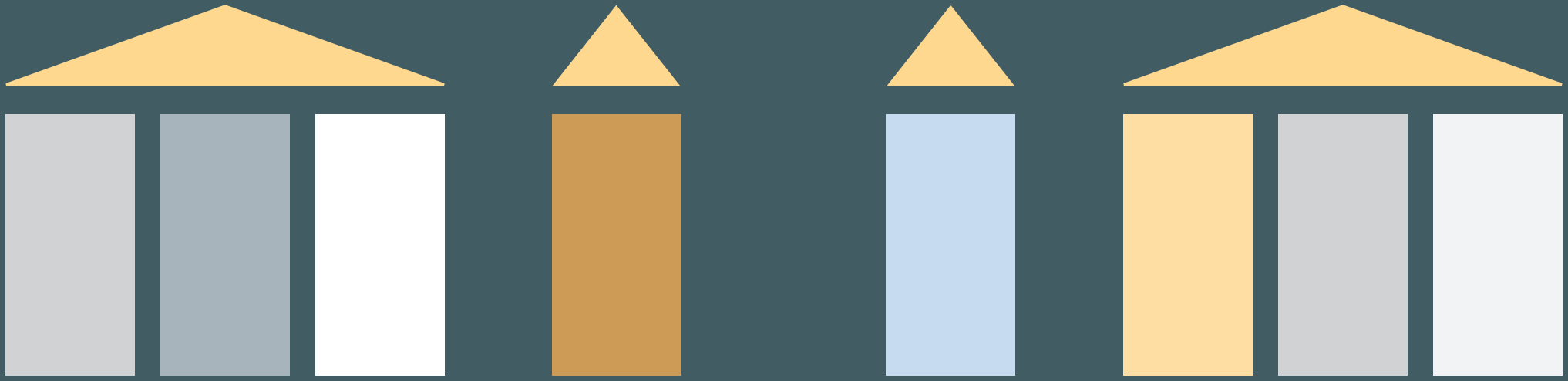
+

MKZ Primer
REF MKZ 0200 4

MKZ EM-Activator
REF MKZ EM00 4

K-Primer
REF APK 2500 3

visio.link
REF VLP MMA1 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

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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 ratio1:1)
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 sandlasting, 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):
Sandlbast 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 sandlasting/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 sandlasting, 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.

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