bond.lign

Bonding system

MKZ-Primer

5 ml

REF MKZ02004

MKZ-Primer

5 ml

REF MKZ02004

MKZ EM-Aktivator

4 ml

REF MKZEM004

K-Primer

4 ml

REF APK25003

visio.link

10 ml

REF VLPMMA10

Titanium	Non-precious metal alloys	Zirconium oxide	Oxide ceramics

Precious metal alloys (Au, Ag, Pt, Pd)	eco-alloys

Lithium (di)silicate	Veneering and press ceramics

PMMA denture resins	Composite	High-performance polymers BioHPP	PEEK/PEKK/PAEK
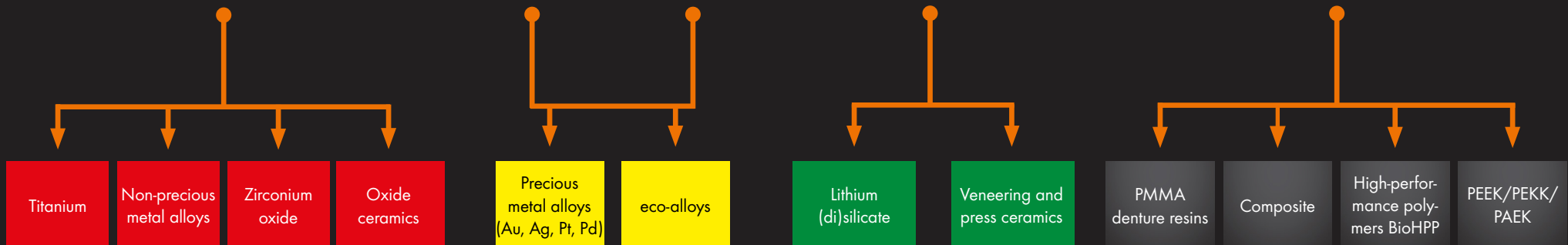
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The Aesthetic and Functional System

bredent group

Indication of the primers

MKZ-Primer
Preparation of the adhesive bond of composites:
- Titanium
- Non-precious metal alloys
- Zirconium oxide
- Oxide ceramics

MKZ-Primer + MKZ EM-Aktivator
(Mix 1:1)
Preparation of the adhesive bond of composites:
- Precious metal alloys (Au, Ag, Pt, Pd)
- eco-alloys (low precious metal alloys)

K-Primer
Preparation of the adhesive bond of composites:
- Lithium (di)silicate
- Veneering and press ceramics

Also suitable for silanization of surfaces.

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Preparation of the adhesive bond of composites:
- PMMA denture resins
- Composite (veneer composites / composite teeth)
- High-performance polymers BioHPP
- PEEK / PEKK / PAEK

Conditioning of the frameworks

Conditioning of metal and zirconium frameworks
(CoCr / NPM / titanium / zirconium)
Sandblast metal frameworks at 3 to 4 bar and zirconium frameworks at max. 2 bar with 110 µm grain aluminium oxide.
The framework must not be cleaned with a steam jet after sandblasting. Any impurities should be removed using alcohol and a clean brush. Then apply the MKZ-Primer and wait until it evaporates.

Conditioning of precious metal frameworks
(palladium-based / silver-based alloy)
Sandblast metal frameworks with 110 µm grain aluminium oxide at a pressure of 2 to 3 bar. The framework must not be cleaned with a steam jet after sandblasting. Any impurities should be removed using alcohol and a clean brush. Then mix the MKZ-Primer and the MKZ EM-Aktivator at a ratio of 1:1, apply and wait until the mixture evaporates.

Conditioning of oxide ceramic frameworks
(zirconium oxide / aluminium oxide / spinel ceramic)
Sandblast the ceramic frameworks with 110 µm aluminium oxide at a maximum pressure of 2 bar or roughen with a diamond grinder. The framework must not be cleaned with a steam jet after sandblasting/grinding! Remove any impurities using alcohol and a clean brush. Then apply the appropriate primer and wait until it evaporates.

Conditioning of plastics
(composite / PMMA materials / high-performance polymers such as BioHPP)
Sandblast the plastic / plastic framework with 110 µm grain aluminium oxide at a pressure of 2 to 3 bar. The framework must not be cleaned with a steam jet after sandblasting. Any impurities should be removed using alcohol and a clean brush. Then apply a thin coating of visio.link and cure for 90 seconds in a light polymerisation device (wavelength range 370 nm - 500 nm). The conditioned area should have a silk-matte finish after light curing. This shows that the layer thickness is perfect.