

IPS e.max[®]

all ceramic
all you need



IPS e.max Certificate

for the zirconium oxide / ceramic bond (VENEERING TECHNIQUE)

The prerequisite for a durable, esthetic restoration is the ideal compatibility of the products in use. Therefore, we have tested the bond of the IPS e.max Ceram veneering ceramic with popular zirconium oxide materials.

The tests conducted include thermocycling, studies on molar crowns using chewing simulators with increased masticatory force and SEM examinations. Moreover, results from current clinical studies are available for some of the combinations.

Veneering ceramic: IPS e.max Ceram
Unit: Programat P 200



The following zirconium oxide materials have been approved for use in conjunction with **IPS e.max Ceram** in the veneering technique:

Product	Manufacturer
KaVo Everest [®] BIO ZS-Blank ¹⁾	KaVo [®]
KaVo Everest [®] BIO ZH-Blank	
Procera [®] Zirconia	Nobel Biocare [™]
Cercon [®] Base	DeguDent [®]
Lava [™] Frame ¹⁾	3M Espe
DC-Zirkon [®]	DCS
Zeno [®] Zr Disc	Wieland
VITA In-Ceram [®] 2000 YZ CUBES ¹⁾	Vita
Zirkoniumdioxid-Digizon [®]	Digident
Denzir [®]	CAD esthetics
Diadem Diazir [®]	Diatomic [®]
Zerion [®]	etkon
inCoris ZI ¹⁾	Sirona

¹⁾ uncoloured and coloured

Schaan, March 2006

Prof. Dr. H. Kappert
Head of Research and Development technical

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IPS e.max Certificate

for the zirconium oxide / ceramic bond (PRESS-ON TECHNIQUE)

The prerequisite for a durable, esthetic restoration is the ideal compatibility of the products in use. Therefore, we have tested the bond of the IPS e.max ZirPress pressed ceramic with popular zirconium oxide materials in the press-on technique.

The tests conducted include thermocycling, studies on molar crowns using chewing simulators with increased masticatory force and SEM examinations. Moreover, results from current clinical studies are available for some of the combinations.

Press-on ceramic: IPS e.max ZirPress
Unit: EP 600 / EP 600 Combi



The following zirconium oxide materials have been approved for use in conjunction with **IPS e.max ZirPress** in the press-on technique:

Product	Manufacturer
KaVo Everest® BIO ZS-Blank ¹⁾	KaVo®
KaVo Everest® BIO ZH-Blank	
Procera® Zirconia	Nobel Biocare™
Cercon® Base	DeguDent®
Lava™ Frame ¹⁾	3M Espe
DC-Zirkon®	DCS
Zeno® Zr Disc	Wieland
VITA In-Ceram® 2000 YZ CUBES ¹⁾	Vita
Zirkoniumdioxid-Digizon®	Digident
Denzir®	CAD esthetics
Diadem Diazir®	Diatomic®
Zerion®	etkon
inCoris ZI ¹⁾	Sirona

¹⁾ uncoloured and coloured

Schaan, March 2006

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