



Centralized
milling



zerion® GI

Gingiva shaded zirconia by Straumann®

High quality, gingiva shaded zirconia developed by Straumann®
for discreet gingiva formers and up to full-arch bars



STRENGTH

zerion® GI is a strong and reliable material indicated for up to full-arch frameworks



ESTHETICS

Both shades match individual gingiva colors to ensure discreet gingiva formers and bars

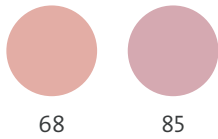


HIGH QUALITY

The high quality of zerion® GI zirconia provides durability and guarantees a predictable prosthetic outcome

Available shades

- ▶ zerion® GI restorations (through our CARES® centralized milling solution) are available in 2 gingiva shades (68 and 85)



68

85

Available indications

- ▶ For final restorations
- ▶ For up to full-arch

Recommended indication

Possible indication

Not possible indication (n/a)

TOOTH-BASED

[n/a] Inlay	[n/a] Onlay	[n/a] Veneer	[n/a] Partial crown	 Coping
 Full-contour crown	 Telescopic crown	 Bridge/bar framework	 Full-contour bridge	 Vestibular veneering

ABUTMENT-BASED (AVAILABLE WITHIN THE CARES® X-STREAM™ SOLUTION)

 Coping on Ti-Base	 Full-contour crown on Ti-Base	 Bridge/bar framework on Ti-Base	 Full-contour bridge on Ti-Base
 Coping on CAD/CAM abutment	 Full-contour crown on CAD/CAM abutment	 Bridge/bar framework on CAD/CAM abutments	 Full-contour bridge on CAD/CAM abutments

Workflow

STEPS	OPTIONS
Finishing	Polishing Staining & glazing Layering
Cementing	Adhesive Self-adhesive Conventional

Chemical composition

ELEMENTS	WEIGHT
ZrO ₂ + HfO ₂ + Er ₂ O ₃ + Y ₂ O ₂	≥ 99.0 %
Y ₂ O ₂ + Er ₂ O ₃	≥ 4.5 – ≥ 9.5 %
HfO ₂	≤ 5 %
Al ₂ O ₃	≥ 0.01 to ≤ 0.5 %
Other oxides	≤ 0.5 %

Physical properties

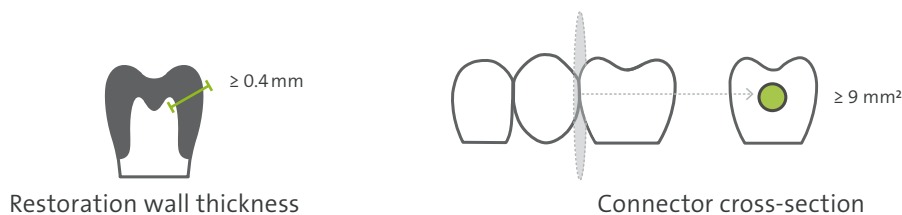
PROPERTIES	VALUE
Material	Er, Y-TZP
Density [g/cm ³]	≥ 6.0
Flexural strength according ISO 6872 [MPa]	≥ 800
CTE (20 – 500°C) [10 ⁻⁶ K ⁻¹]	10.1 +/- 0.5

Preparation guidelines

- ▶ The preparation shall not have angles or sharp edges
- ▶ The shoulder preparation shall be with rounded inner edges and/or chamfer
- ▶ The preparation shall have retentive surfaces for conventional cementation
- ▶ The cross-sections shall be adjusted in relation to the total size of the restoration
- ▶ The transition from a connector to a crown or coping shall be rounded

Wall thickness

MINIMAL RESTORATION DESIGN



Sterilization

- ▶ For restorations bonded to abutments before being placed in the patient's mouth, the product must be sterilized before use. Sterilization according to the following parameters or per instructions for use of the abutment if different.

METHOD	CONDITIONS	DRYING TIME
Moist Heat (Autoclave) Pre-Vacuum Displacement	132°C / 134°C 270°F / 273°F for 3 min	Local practice

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