Telio® CAD Crown and Bridge by NobelProcera™

FACT SHEET VERSION 1

Overview

- Temporary acrylic crowns and bridges up to 6 units
- Homogenous material
- Six shades for optimal esthetics
- Lifelike fluorescence
- Excellent polishing characteristics for smooth surface
- NobelProcera Precision Milled Restorations with excellent fit and extraordinary strength

Material characteristics

| Material type: | Polymethyl methacrylate (PMMA) 99.5%, Pigments < 0.5% |
| Flexural strength: | 130 ± 10 MPa |
| Modulus of elasticity: | 3200 ± 300 MPa |
| Ball indentation: | 180 ± 5 MPa |
| Vickers hardness (HV 0.5/30): | 190 ± 5 MPa |
| Water absorption: | < 28μg/mm³ |
| Water solubility: | < 0.6μg/mm³ |

Veneering

- Telio® Lab (PMMA-based two-component powder/liquid system)
- Telio® Lab LC Veneer (ready to use, light-curing pastes)
- Grinding and/or air abrasion (Al₂O₃, 100μm, 1–2 bar/14.5–29 psi) and the application of Telio® Lab Cold Liquid is mandatory. With Telio® Lab LC Veneer additional conditioning with SR Composiv is required.

Additional veneering material recommendations and supporting guidelines are available from Ivoclar Vivadent on www.ivoclarvivadent.com.
Indications

– Temporary anterior or posterior full contour crown or bridge up to 6 units for functional and esthetic replacement of teeth
– Tooth- and implant-supported (abutment level)
– Minimum thickness: occlusal 1.5 mm, circular 0.8 mm
– Connector size:
  – Anterior bridge (one or two pontics): 12 mm$^2$
  – Posterior bridge with one pontic: 12 mm$^2$
  – Posterior bridge with two pontics: 16 mm$^2$

Contraindications

– Parafunational tendencies, for example bruxism and/or clenching
– Use as permanent restoration (> 12 months)
– Use in patients who are allergic to methyl methacrylate
– Bridges with more than two pontics

NobelProcera – certified quality

NobelProcera provides certificates of material authenticity.

Additional information

– Therapeutic restorations when correcting temporomandibular disorders and malocclusion
– The framework design is supported by Ivoclar Vivadent tooth library with a real-time warning function in the NobelProcera Software