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LABORATORIES

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**Big Lab Technology Meets Small Lab Personalized Service**

**Crowns and Bridges**

# Porcelain Fused-to-Zirconia

An esthetic restoration with a strong substructure



Griffin Dental Laboratories produces zirconia restorations in house. The restorations have an extremely high bending strength, optimal edge stability in the restorations fabricated with this technology.

## Prep Requirements

- Preparation suitable for ceramics, i.e no sharp corners, edges, and internal corners.
- Circular chamfer with cervical edge of at least 0.8mm
- Circular shoulder with rounder internal corners
- Inscal and occlusal reduction for faced crowns: 1.5mm to 2.0mm
- Minimum stump height 3.0mm

## Contraindications

- Deep Cavities in the occlusal area.
- Rising chamfers (gutter preparations)
- Finished margins

## Cementation

Conventional Cementation: Due to the high degree of rigidity and stability of Ceramill Zi framework conventional fixing with

- Zinc oxide phosphate cement or
- Glass ionomer luting (i.e. GC Fuji Plus) is possible in most cases.


With convention cements make sure there is sufficient retention that the stump height is 3 mm.

Adhesive fixing: For adhesive fixing we recommend the fixing composites Panavia® 21 or Panavia® F 2.0 due to their excellent adhesion with the zirconium oxide framework material.

Sales Representative:



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 Type
<b>NEW!</b> Full Contour Zirconia
Porcelain Fused-to-Zirconia
*For large round house Cases call for Pricing

[www.GriffinDentalLaboratories.com](http://www.GriffinDentalLaboratories.com)

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