

# Post and Core System

■ The ultimate professional post and core system



## Advantages

- LuxaCore Z-Dual – the ultra-strong, ultra-reliable core build-up material created with zirconia.
- LuxaBond Total Etch – A dual-curing adhesive system providing users with more reliable total bond strength.
- LuxaPost – with its high flexural strength and dentin like elasticity, LuxaPost is designed to react like natural tooth structure.

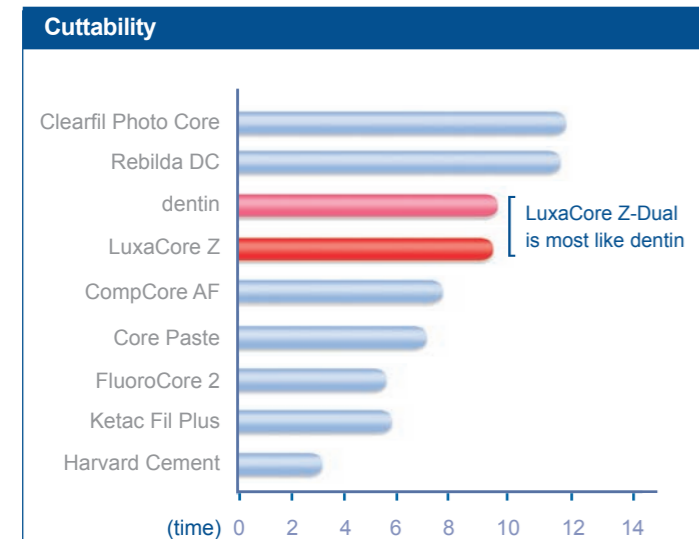


 **DMG**  
AMERICA

# DMG put an entire system of post cementation and core build-up products right at your fingertips!

## LuxaCore® Z-Dual

Introducing LuxaCore® Z-Dual from DMG America, the ultra-strong, ultra-reliable core build-up material created with zirconia. Its combination of zirconia filler with DMG's patented nanotechnology means it significantly improves strength, flowability and physical properties—it's the ultimate in resin technology! LuxaCore Z-Dual also works for your post cementing needs.



Cachovan G. et al: In vitro cuttability comparison of various different core build-up materials, DZZ (62), 2007, p. D10.

## Zirconia + Patented DMG nanotechnology =

- Cuts remarkably like natural dentin
- Exceptionally high compressive strength for enhanced stability
- Patented nanotechnology prevents particle agglomeration
- Better handling characteristics
- Film thickness of precision cement
- Perfect properties, even when used as a post cement
- Smoother material with enhanced flow
- More stable, firmer, easier to form

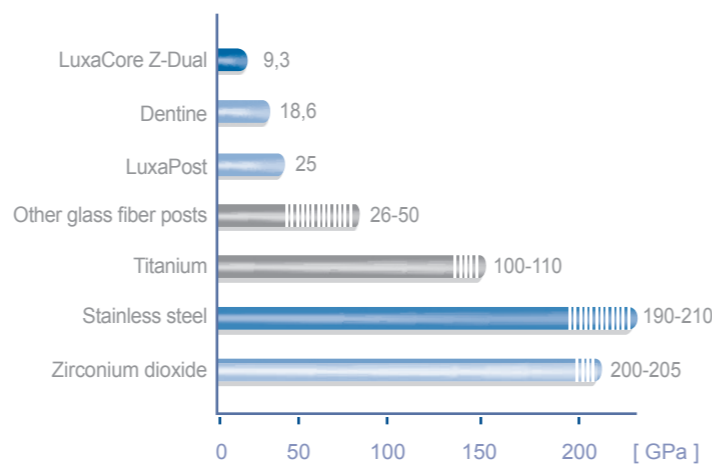
## LuxaBond® Total Etch

A dual-curing adhesive system providing users with more reliable total bond strength through its easy-to-use application process. Bond with confidence; the pre-bond activator reacts with the adhesives in the tooth, leading to deeper penetration with flexible working time and a stronger bond.

### LuxaBond® Total Etch:

- Compatible with all composite resin materials—recommended for all applications with LuxaCore
- Indicated for bonding of posts, cores, crowns, bridges, inlays and onlays
- Cures without a light; can be used for all indirect procedures
- Better adhesion
- Specifically shaped Endobrushes for an easier application in the root canal
- Non-acetone, non-alcohol formulation

## Bending module comparison of different dental materials\*



\* Data on file



## LuxaPost®

Experience the dentin-like elasticity benefits of LuxaPost®. High in flexural strength, these posts are also designed with a tapered form to closely mimic the natural tooth structure. As a result, fracture risk is minimized. Additionally, LuxaPost® is pre-silanized and radiopaque.

### LuxaPost®:

- Only one drill per size (no pre-shaping drill necessary)
- User-friendly, color-coded system
- Retention grooves improve mechanical retention
- Transparent for highly esthetic results
- High flexural strength: Good stability
- Post taper conforms easily to the post preparation



