

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.

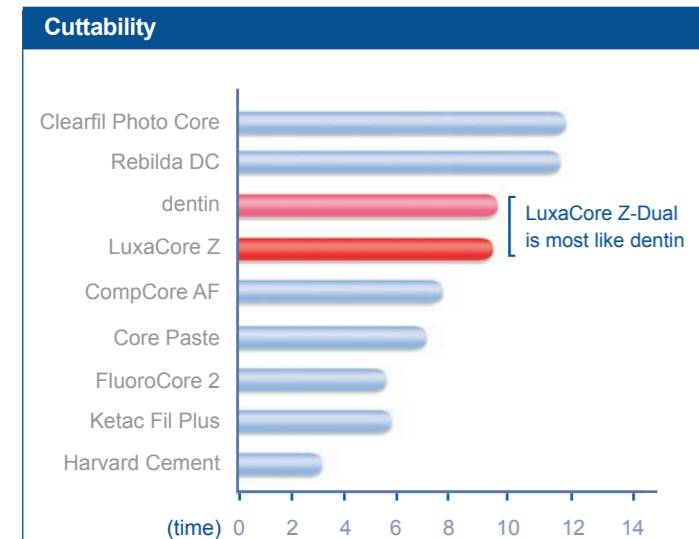


DMG
AMERICA

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

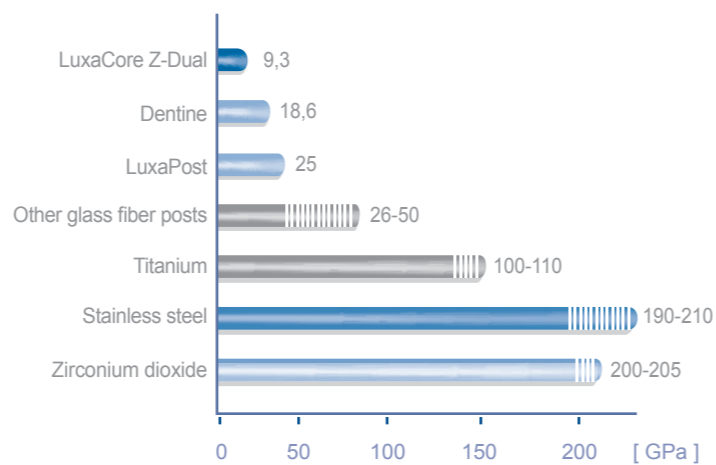
LuxaBond® Total Etch

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



