

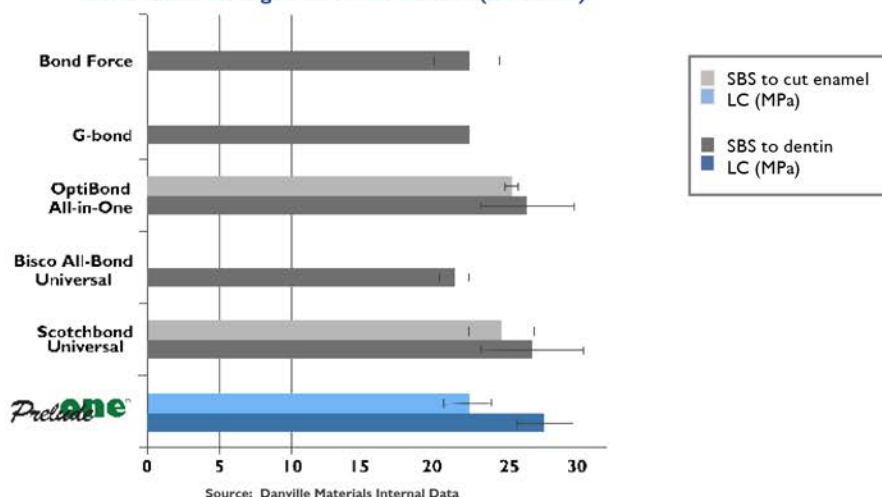
PreludeTM

One Component Universal Adhesive

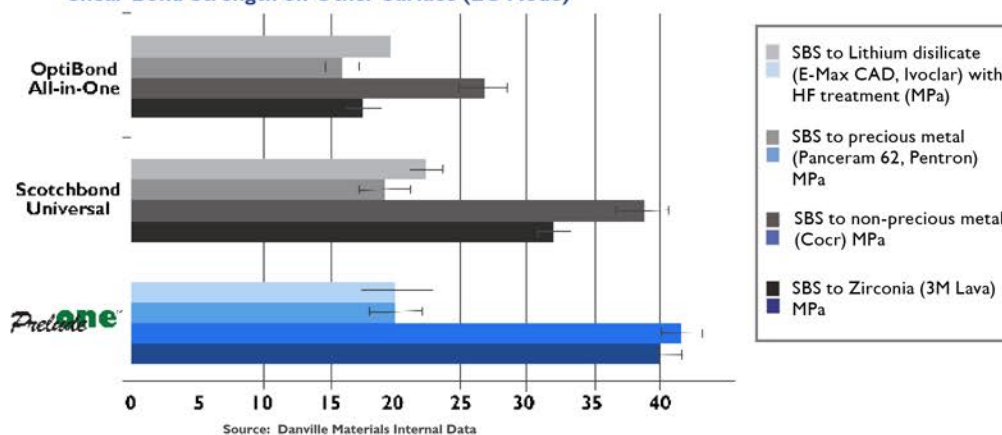


Prelude One is a light-curable single component self-etch adhesive designed to bond composite resins to most dental surfaces. These surfaces include dentin, enamel, zirconia, alumina, metals, porcelain, lithium disilicate, and composite restorations. As a universal adhesive, Prelude One is truly compatible with light cured, dual cured, and auto cured composites (no activator required).

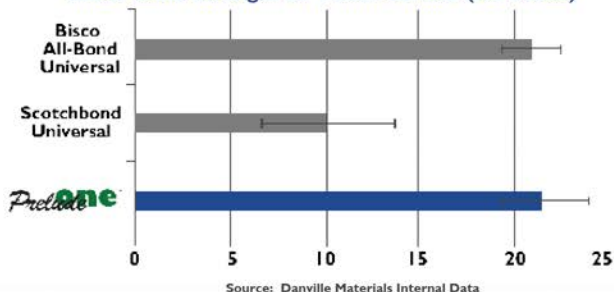
Shear Bond Strength on Tooth Surface (LC Mode)



Shear Bond Strength on Other Surface (LC Mode)



Shear Bond Strength on Tooth Surface (AC Mode)



Available in 5ml bottle

ADVANTAGES

- **Convenient one step application**
- **For use on all surfaces**
- **No post-op sensitivity**
- **Extremely high bond strengths to all direct and indirect restorations**
- **Compatible with dual and self cure composites without the use of an additional activator**
- **5 1/2 micron film thickness**

For more information visit our website or call our Customer Service Hotline.

www.danvillematerials.com

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ZNanoTM

Universal Nanocomposite



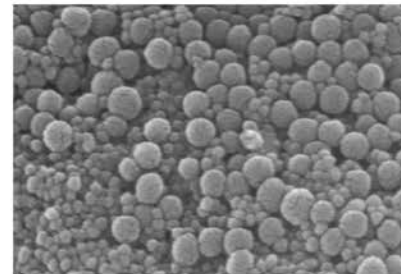
ZNanoTM is an advanced technology, zirconia-silica nanoparticle-filled universal composite. Zirconia fillers, being far harder than the barium glass fillers used in many traditional composites, provide superior wear resistance and improved marginal integrity. The far smaller particle size in ZNanoTM (80 nm vs. 400+ nm) resists "plucking" and gives a more esthetic result. ZNanoTM ideal handling material with very high physical properties and enamel-like hardness that compares well to dental restorative market leaders. ZNanoTM has a radiopacity of 205% of aluminum making it easy to read.

Shades match the Vita Classical shading system.

CHARACTERISTICS	
Indication	Anterior & Posterior
Viscosity	Sculptable
Filler Size	80nm
Radiopacity	High
Shades	8 Standard shades 3 Opaque shades Opalescent shade (A2) Bleach White
Configuration	4 g syringe

ADVANTAGES

- Anterior - Superb esthetics
- Posterior - Superior strength and wear
- Superior polishability and polish retention
- Non-sticky and ideal handling
- Zirconia-silica filler gives enamel-like hardness for improved marginal integrity
- High stain resistance (low ΔE)
- Superior physical properties
- 'Chameleon' effect allows fewer shades to satisfy all
- High radiopacity (205% Al)
- Natural life-like fluorescence



ZNano at 100,000x
Spherical Zirconia/silica Filler

Before



After



Photos courtesy of Mark Gottlieb

PHYSICAL PROPERTY CHART

	Flexural Strength (Mpa) 24h	Flexural Modulus (Gpa) 24h	Radiopacity (%Al)	Staining (ΔE) 7 Days Red Wine	Gloss (GU)
ZNano - Danville	134	9	205	1.5	60
Supreme Ultra - 3M	123	10.2	223	8	41
Estelite Sigma Quick - Tokuyama	100	8.2	161	8.5	56
Esthet-X - Dentsply	118	9.3	192	n/a	21

*Data on file.

ZNano Composite						
A2	OA2	A3	OA3	A3.5	OA3.5	A4
50292	50293	50294	50295	50296	50297	50298