

Nano-Bond™ Nano-Particulate Reinforced Adhesive System

A. Direct Bonding Technique with Enamel Margins

1. Dry prepared tooth surface for 2-3 seconds to remove apparent water
2. Saturate a brush with the Nano-Bond Self-Etch Primer and apply one coat to the cavity surface. Wait for about 15 - 20 seconds
3. Use a dry brush or a jet of air for 2 - 3 seconds to remove excess primer from the cavity to avoid pooling
4. Saturate a brush with the Nano-Bond Adhesive and apply one coat to the primed surfaces
5. Use a jet of air to remove the solvent from the adhesive for about 10 seconds or until the resin is hardly movable. Light cure for 10 seconds
6. Proceed with your regular restorative material.

B. Indirect Bonding Technique

1. Dry tooth surface for 2 - 3 seconds to remove apparent water
2. Saturate a brush with the Self-Etch Primer and apply one coat to the tooth surface and wait about 15 - 20 seconds
3. Use a dry brush or jet of air for 2 - 3 seconds to remove pooled resin primer
4. Mixing two (2) drops of the Nano-Bond Adhesive resin with one (1) drop of the Dual Cure Activator, quickly apply one coat of the adhesive with a saturated brush onto the primed tooth
5. Use air for about 10 seconds to gently remove the solvent completely (Indication: the resin is hardly movable)

For different applications:

- Amalgam filling: Pack amalgam after the drying

- Ceramic restoration cementation: After applying silane to the inner surface, place dual-cure cement in between and seat (Cement-It® Universal C&B™ or Lute-It® Cement cure time of 4 minutes. Light curing for 10 seconds is optional)

- Metal and composite restoration cementation: Brush one coat of the Self Etch Primer and air blow dry to remove excess. Then place dual cured cement in between and seat (For composite restoration only, light cure for 10 seconds is optional)

- Composite core build-up: Apply dualcured composite core material onto the adhesive surface and wait for hardening or light cure for 10 - 20 seconds for instant initial setting.