With over 700 Million applications worldwide and six years of successful clinical experience with Nano-Technology, Prime&Bond NT is the market-leading One-Bottle-Bond:

- Rated No. 1 by Reality’s Choice 2004 in the dental adhesive category.
- Nano-Technology (since 1998), together with the patented PENTA, guarantees deep penetration and reinforcement of hybrid layer.
- It offers:
  - Excellent bond strength on dentine and enamel proven by four independent institutes.
  - Fluoride-release: “Very effective in desensitizing teeth.”
  - Antibacterial property: “Prime&Bond NT showed growth inhibition for all bacterial strains.”
  - Universal use: for both light cure and dual cure procedures, for direct and indirect restorations.

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Prime&Bond NT

The 10 best ways to use Prime&Bond NT

Prime&Bond NT is available in both bottle and quix™ unidose. Each Prime&Bond NT bottle contains at least 200 drops, indicated for both direct and indirect restorations.

For all types of restorations:

1. To obtain an optimum of marginal quality and bond strength and to avoid post-operative sensitivity, do not overetch dentine (etch dentine 15 seconds or less).

2. Apply Prime&Bond NT to a moist cavity surface as overdrying of the tooth preparation has been associated with a decrease of bond strength to dentine and with post-operative sensitivity. Dry by very short (1 to 3 seconds) blasts from an air syringe or solely blot-dry with a cotton pellet.

3. For an optimum of solvent concentration, efficiency of the procedure, and economy, apply adhesive directly from the bottle onto an applicator tip.

4. To achieve a complete sealing of the cavity surface, apply ample amounts of Prime&Bond NT. All cavity surfaces should be saturated, which may necessitate consecutive applications of a drop of Prime&Bond NT to thoroughly wet all cavity surfaces.

5. To obtain an optimum layering thickness, wait for 20 seconds after application of Prime&Bond NT and remove remaining solvent by gentle blow of air from a dental air syringe. Ease of solvent removal is one of the great advantages of acetone-based adhesives.

For indirect restorations:

6. Light-curing of Prime&Bond NT or of the mix of Prime&Bond NT and Self-Cure Activator applied to the prepared tooth will increase bond strength.

7. If gross pooling of the adhesive is avoided, light-curing of the adhesive will not result in a high restoration thanks to the low film thickness of Prime&Bond NT.

8. For most indirect procedures, where light-cured or dual-cured luting cements are used, Prime&Bond NT can be used on its own (without the need to mix with Self-Cure Activator).

9. In the case of metallic restorations, light-cure the adhesive applied to the restoration prior to luting.

For use with self-cure restorative materials:

10. When using Prime&Bond NT in combination with a self-cured material (Adaptic®), always mix Prime&Bond NT with Self-Cure Activator and light-cure adhesive prior to application of the restorative.