

# Simplicity<sup>®</sup>

SELF-ETCH ADHESIVE SYSTEM



**REF 90400, 90402, 90404, 90405**

**Rx Only**



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**NOTE:** Visit [vistaapex.com](http://vistaapex.com) for SDS

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## DESCRIPTION:

Simplicity is a no rinse bonding system that combines the etchant and primer application into one simple protocol. It is intended for use with all categories of resin composite materials. Simplicity is compatible with all methacrylate-based materials.

## PRINCIPAL USES:

- Direct Restorations: to seal enamel/dentin prior to restoring with light activated or self-cure composite materials
- Indirect Restorations: bonding light activated, self-cured or dual-cured composite cements, glass ionomers or resin-modified glass ionomer cements
- Desensitization: Hypersensitive and/or exposed root surfaces
- Crown preparations
- Sealing preparations before placing amalgams
- Bonding crowns and bridges, post and cores and veneers

## INDICATIONS FOR USE:

SIMPLICITY is a light activated (free radical polymerization), self-etching dental adhesive system, designed to provide a dentist with increased ease of use that is less technique sensitive. The bonding system combines both the etchant and primer applications into one simple protocol. Thus, allowing for more predictable clinical results without sacrificing bond strength or marginal integrity.

SIMPLICITY is a universal adhesive system that when properly employed, can be used to seal enamel/dentin prior to restoring with light activated or self-cured composite materials. Also, in situations of indirect restorations, the bonding system can be used to seal a preparation when using a light activated, self-cured or dual-cured composite cement, glass ionomer or resin-modified glass ionomer cement. In addition, the system allows the dentist to bond a post and core, along with treating hypersensitive and/or exposed root surfaces.

## GENERAL INSTRUCTIONS<sup>1,2,3,4,5,6</sup>:

Although it is not critical to the success of Simplicity, it is recommended that the preparation be cleaned with isopropyl alcohol on a cotton pellet and rinsed with water prior to beginning the bonding protocol. Pumicing or gentle particle abrasion of enamel is also recommended.

1. Rinse the preparation thoroughly and remove all visible water by drying the surface for approximately 5 seconds with dried compressed air.
2. Dispense a drop of Simplicity 1 into one cavity of the enclosed mixing well. Using a Micro Applicator Brush, apply Simplicity 1 to the entire cavity preparation and the surrounding tooth structure, agitating briskly for at least 10 seconds. **DO NOT DRY Simplicity 1.**

3. Dispense a drop of Simplicity 2 into another cavity of the mixing well (dispense Simplicity 2 just prior to use. Two drops may be necessary for larger preps). Using a Bendable Brush Applicator, apply three brushfuls of Simplicity 2 to the entire cavity preparation, dabbing each brushful to help distribute as much of the primer as possible.
4. Dry the primed surface with dried compressed air for at least 10 seconds with the air syringe tip as close as possible to the surface. **DRY Simplicity 2 THOROUGHLY.**
5. Apply two additional full brushes of Simplicity 2 and thoroughly dry again for 5 seconds.
6. Light activate for 10 seconds. Simplicity can be activated with any dental activation light.
7. Continue restorative procedure with material of choice. Follow manufacturer's instructions for all restorative materials.

#### **PROTOCOL FOR DELIVERING INDIRECT RESTORATIONS:**

1. Rinse the preparation thoroughly and remove all visible water by drying the surface for approximately 5 seconds with dried compressed air.
2. Dispense a drop of Simplicity 1 into one cavity of the enclosed mixing well. Using a Micro Applicator Brush, apply Simplicity 1 to the entire cavity preparation and the surrounding tooth structure, agitating briskly for at least 10 seconds. **DO NOT DRY Simplicity 1.**
3. Dispense a drop of Simplicity 2 into another cavity of the mixing well (dispense Simplicity 2 just prior to use. Two drops may be necessary for larger preps). Using a Bendable Brush Applicator apply three brushfuls of Simplicity 2 to the entire cavity preparation, dabbing each brushful to help distribute as much of the primer as possible.
4. Dry the primed surface with dried compressed air for at least 10 seconds with the air syringe tip as close as possible to the surface. **DRY Simplicity 2 THOROUGHLY.**
5. Apply two additional full brushes of Simplicity 2 and thoroughly dry again for 5 seconds.
6. Light activate for 10 seconds. Simplicity can be activated with any dental activation light.
7. Apply one final coat of Simplicity 2 and dry. **DO NOT LIGHT ACTIVATE.** (This additional coat maximizes the bond strength by increasing crosslink density at the adhesive/cement interface.)
8. Continue restorative procedure with material of choice. Follow manufacturer's instructions for all restorative materials.

## **PROTOCOL FOR METAL BONDING OR BONDING TO EXISTING COMPOSITE:**

1. Roughen the metal surface to be bonded. Ideally the surface should be micro-etched with 27 micron aluminum oxide powder. If micro-etching is not available the surface should be roughened with a burr.
2. Rinse and dry the surface.
3. Dispense a drop of Simplicity 2 into a cavity of the mixing well. Using a Bendable Brush Applicator, apply two brushfuls of Simplicity 2 to the metal surface.
4. Dry the primed surface with dried compressed air for at least 10 seconds with the air syringe tip as close as possible to the surface. DRY Simplicity 2 THOROUGHLY.
5. Light activate for 10 seconds. Simplicity can be activated with any dental activation light.
6. Continue restorative procedure with material of choice. Follow manufacturer's instructions for all restorative materials.

### **STORAGE:**

Protect from sunlight. Protect from freezing. Store between 2°C/36°F and 30°C/86°F. Refrigeration when not in use and refrigeration of unopened bottles is recommended. This product is subject to evaporation, keep bottles tightly capped. See individual component labels for specific expiration dates.

### **CAUTIONS:**

Avoid contact with eyes. If the material comes into contact with eyes, flush with copious amounts of water and seek medical attention.

Un-polymerized resins may cause skin sensitization in susceptible persons, in case of contact with the skin, wash thoroughly with soap and water.

### **Notes:**

1. In Class I and II restorations, it is highly recommended that a thin layer (0.5mm) of a low viscosity flowable resin composite be placed on the pulpal floor of the cavity and light activated prior to the insertion of the restorative material.
2. Deciduous teeth are treated in the same manner as permanent teeth.
3. Simplicity 1 should be agitated for 20 seconds on uncut enamel.
4. Simplicity is always light activated before placing veneers and bonded crowns.
5. If delivering a post, remove excess Simplicity 2 from the canal with paper points prior to drying and light activation.
6. Visit [vistaapex.com](http://vistaapex.com) for SDS and additional instructions.