

# REGEN™

BIOACTIVE SELF-ETCH ADHESIVE



**REF 90632, 90633, 90634, 90635, 90636**



**Rx Only**

20°C  
36°F  
Protect From  
Freezing



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

**Made in USA**  
91003-I-AP-ENG (5)

## DESCRIPTION:

RE-GEN Self-Etch Adhesive is a no rinse bonding system that combines the etchant and primer application into one simple step followed by the application of a thin layer of bonding resin. It allows for more predictable clinical results, it is less technique sensitive, without sacrificing shear bond strength. Because there is no need to rinse the etchant before primer application, RE-GEN Self-Etch Adhesive will also save the operator time during the procedure. It is intended for use with all categories of resin composite materials.

## INDICATIONS FOR USE:

- Restorations: to seal enamel/dentin prior to restoring with light-cured or self-cured composite materials.
- Indirect Restorations: to seal a preparation when using a light-cured, self-cured or dual-cured composite cement or glass ionomer or resin-modified glass ionomer cement.
- Desensitization: to treat hypersensitive and/or exposed root surfaces.
- To bond in a post and core

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

Although it is not critical to the success of RE-GEN Self-Etch Adhesive, 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 RE-GEN Self-Etch Adhesive 1 into one cavity of the enclosed mixing well. Using the proper color-coded brush, apply RE-GEN Self-Etch Adhesive 1 to the entire cavity preparation and the surrounding tooth structure, agitating briskly for at least 10 seconds.  
**DO NOT DRY RE-GEN Self-Etch Adhesive 1**
3. Shake RE-GEN Self-Etch Adhesive 2 vigorously.
4. Dispense a drop of RE-GEN Self-Etch Adhesive 2 into another cavity of the mixing well. Using the proper color-coded brush, apply three brushfuls of RE-GEN Self-Etch Adhesive 2 to the entire cavity preparation, dabbing each brushful to help distribute as much of the primer as possible.
5. 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 RE-GEN Self-Etch Adhesive 2 THOROUGHLY**
6. Dispense a drop of RE-GEN Self-Etch Adhesive 3 into another cavity of the mixing well. Using the proper color-coded brush, apply a thin layer of RE-GEN Self-Etch Adhesive 3 to the entire cavity surface.
7. Light-activate for 10 seconds. RE-GEN Self-Etch Adhesive can be activated with any dental activation light.
8. Continue restorative procedure with material of choice. Follow manufacturer's instructions for all restorative materials.

## GENERAL INSTRUCTIONS<sup>1,2,3,4</sup> (CONT):

### 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 RE-GEN Self-Etch Adhesive 1 into one cavity of the enclosed mixing well. Using the proper color-coded brush, apply RE-GEN Self-Etch Adhesive 1 to the entire cavity preparation and the surrounding tooth structure, agitating briskly for at least 10 seconds.  
**DO NOT DRY RE-GEN Self-Etch Adhesive 1**
3. Shake RE-GEN Self-Etch Adhesive 2 vigorously.
4. Dispense a drop of RE-GEN Self-Etch Adhesive 2 into another cavity of the mixing well. Using the proper color-coded brush, apply three brushfuls of RE-GEN Self-Etch Adhesive 2 to the entire cavity preparation, dabbing each brushful to help distribute as much of the primer as possible.
5. 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 RE-GEN Self-Etch Adhesive 2 THOROUGHLY**
6. Dispense a drop of RE-GEN Self-Etch Adhesive 3 into another cavity of the mixing well. Using the proper color-coded brush, apply a thin layer of RE-GEN Self-Etch Adhesive 3 to the entire cavity surface. Air-thin the RE-GEN Self-Etch Adhesive 3 aggressively. Final film thickness will be around 10 – 12 microns.
7. Light-activate for 10 seconds. RE-GEN Self-Etch Adhesive can be activated with any dental activation light.
8. Continue restorative procedure with material of choice.  
Follow manufacturer's instructions for all restorative materials.

### Metal Bonding

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. Shake RE-GEN Self-Etch Adhesive 2 vigorously.
4. Dispense a drop of RE-GEN Self-Etch Adhesive 2 into a cavity of the mixing well. Using the proper color-coded brush, apply two brushfuls of RE-GEN Self-Etch Adhesive 2 to the metal surface.
5. 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 RE-GEN Self-Etch Adhesive 2 THOROUGHLY**
6. Dispense a drop of RE-GEN Self-Etch Adhesive 3 into another cavity of the mixing well. Using the proper color-coded brush, apply a thin layer of RE-GEN Self-Etch Adhesive 3 to the entire cavity surface.
7. Light-activate for 10 seconds. RE-GEN Self-Etch Adhesive can be activated with any dental activation light.
8. Continue restorative procedure with material of choice.  
Follow manufacturer's instructions for all restorative materials.

## **General Instructions<sup>1,2,3,4</sup> (cont):**

### **Bonding to Existing Composite**

1. Roughen the composite 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. Shake RE-GEN Self-Etch Adhesive 2 vigorously.
4. Dispense a drop of RE-GEN Self-Etch Adhesive 2 into a cavity of the mixing well. Using the proper color-coded brush, apply two brush fulls of RE-GEN Self-Etch Adhesive 2 to the metal surface.
5. 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 RE-GEN Self-Etch Adhesive 2 THOROUGHLY**
6. Dispense a drop of RE-GEN Self-Etch Adhesive 3 into another cavity of the mixing well. Using the proper color-coded brush, apply a thin layer of RE-GEN Self-Etch Adhesive 3 to the entire cavity surface.
7. Light-activate for 10 seconds. RE-GEN Self-Etch Adhesive can be activated with any dental activation light.
8. 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. 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 the 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. For indirect restorations, air-thin RE-GEN Self-Etch Adhesive 3 sufficiently to allow seating of the restoration and light-activate.
2. Deciduous teeth are treated in the same manner as permanent teeth.
3. RE-GEN Self Etch Adhesive 1 should be agitated for 15 seconds on uncut enamel.
4. RE-GEN Self Etch Adhesive is always light-cured before placing veneers and bonded crowns.
5. Visit [vistaapex.com](http://vistaapex.com) for CAD/CAM Restoration Instructions.
6. Visit [vistaapex.com](http://vistaapex.com) for Sealing and Imaging for a CEREC® Restoration.
7. Visit [vistaapex.com](http://vistaapex.com) for SDS.