

Prior to use carefully read the
Instruction For Use

Restorite Pit and Fissure Sealant bonds micromechanically to slightly moist teeth. It is tooth integrating and margin-free, providing an exceptional seal against microleakage.

Composition:

Monomer matrix Diurethane dimethacrylate, butane dioldimethacrylate

Packaging:

Single component syringe- 2g with 5 application tips

Procedure:

Step 1 - Clean the Tooth Surface

The tooth surface must be cleaned thoroughly prior to placing the sealant. Cleaning can be done using a prophylactic jet, a prophylactic cup or brush. Prime Dental's Aster Prophylactic can be used for the same. Products that are contraindicated for cleaning are those containing glycerin and/or fluoride. After cleaning, the surface should be rinsed thoroughly to ensure leftover particles are removed. Examine the entire tooth using an explorer for any remaining debris and previously undetected pathology. If debris remains, the tooth surface should be cleaned again. If pathology is detected, the decision to seal the tooth should be reevaluate

Step 2 - Isolate the Tooth Surface

Isolation is vital before placement of sealants. If the surface of the etched tooth is contaminated by saliva, remineralization process begins immediately and the resin material will not adhere. Sealant loss and immediate failure of retention are most often linked to moisture or salivary contamination. A rubber dam, cotton rolls, dry field pads, dry field kits, and single tooth isolation are all used with success for isolation.

Step 3 - Etch the Tooth Surface

Apply Prime Dental's Restorite Etching Gel to enamel and dentin. Wait 15 seconds. Rinse for 10 seconds.

Step 4 - Rinse and Dry the Tooth Surface

After etching, the surface needs to be rinsed with water to remove the acid. Soak the cotton pellet in Prime Dental's Dent Dry (drying and degreasing agent) and apply on the surface. Wait for 15 seconds for the liquid to evaporate. Suction and gentle air should be used to dry the etched tooth surface. If the tooth surface is contaminated by saliva, repeat the etching process.

Step 5 - Apply the Bonding Agent

Immediately after blotting, apply Prime Dental's Restorite Bond 5G. Apply 2-3 consecutive coats of adhesive to etched enamel and dentin for 15 seconds with gentle agitation using a fully saturated applicator. Gently air thin for five seconds to evaporate solvents. Light cure for 10 seconds

Step 6 - Apply the Sealant Material

Restorite Pit and Fissure Sealant material is expressed on the prepared tooth using the application tips provided. The sealant material should be placed only in the pits and fissures. Too much material can result in occlusal interference. Although occlusal interference is not a concern, the amount of material should also be limited when sealing pits and fissures on lingual and buccal surfaces.

Step 7 - Curing the Sealant

Leave the sealant undisturbed for 20 seconds before curing it with. This delay would allow the resin to flow into the etched surface. The tip of the curing light wand should be held approximately 3 to 5 mm from the surface of the sealant

Note: Use a light polymerization system with an emission range of 350-500 nm to polymerize the material. The required physical properties are only reached if the polymerization light functions properly. Therefore, it is necessary to check the light intensity regularly according to the manufacturer's instructions.

Step 8 - Evaluate the Sealant

Immediately after the material has been cured, using an explorer check for retention and flaws. If a sealant is going to fail, it most likely will do so immediately. If there are voids, bubbles, or any portion of the material comes out, more sealant material may be added. Re-isolate and etch before placing the material again. The occlusion of the sealant should be checked with articulation tape. Use a round finishing bur in a high or slow speed handpiece, if there is any indication of interference.

Storage:

Store the material away from direct sunlight. Store in a cool and dry place. Screw the cap back onto the syringe tightly after each use. Withdraw the plunger slightly after use to keep the outlet from becoming plugged.

***Note:** The material has been developed for professional dental use and it is to be used by a dental professional only. Application should be carried out strictly according to the instruction for use. User is responsible for testing the material for its suitability. The manufacturer cannot be held liable for damages resulting from failure to observe the indication and procedure of use as mentioned in the instructions for use. The user should not use material for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding.*