

## Splint-S Resin Impregnated Glass Fiber

Company: **SFC, LLC**

172 North Plains Industrial Road, Wallingford CT 06492, USA

Ph: 203.907.9554 [info@sfc dental.com](mailto:info@sfc dental.com)

**For use ONLY by a dental professional in the recommended indications**

### **Indications:**

1. Stabilize wobbly teeth
2. Align misaligned teeth
3. Repair and reinforce dentures
4. Reinforce temporary multi-unit bridges

### **Contraindications:**

Do not use with patients who are allergic to methacrylic resins.

### **Instructions for Use:**

#### **Example for Periodontal Application**

1. Thoroughly clean the teeth surfaces that are intended for splinting. Use wedges or suitable impression material to stabilize the immobile teeth during the procedure.
2. Etch dentin with etching gel for 15 second. Rinse thoroughly, keep the surface clean, avoiding saliva contamination.
3. Apply bonding agent as per manufacturer's instructions.
4. Apply a thin layer of a methacrylate resin based composite (no Flowable) along the lingual and interproximal surfaces of the selected teeth, at continuous fashion.
5. Select the appropriate type of Splint-S (2mm or 3mm). Follow the instruction on the package for proper removal of the strips from the package. [Additional Info Video](#)
6. Cut the adequate length of the resin impregnated strip. Splint-S is made of strong glass fiber, and regular scissor may not be appropriate for cutting. Use appropriate scissors. Place any leftover back into package and close to protect from light.
7. Place the strip on the composite surface and adapt by light pressure and pushing into the interproximal area. Use an appropriate dental tool for the procedure.
8. Light cure the strip and composite for at least 30 seconds.
9. Apply a methacrylate resin based Flowable composite uniformly over the cured strip and light cure for 20-30 seconds. If needed additional layer of Splint-S strips can be added. It is recommended that each layer of Splint-S strip be covered by a Flowable composite and light cured for 20-30 seconds.
10. After last layer of Flowable composite, the final polishing can be performed using standard dental instruments such as burs, points or wheels.

**Precautions:** When grinding and polishing, care must be taken not to expose Splint-S fibers. The last layer of composite should have adequate thickness to allow required grinding and polishing without exposing the Splint-S fibers.

### **Storage**

Storage temperature: 10-24°C(50-75°F)

Shelf life: 3 yrs from the date of manufacture