



Titan Instructions for Use

Titan is a light-cured composite with flow characteristics that make it ideal for use as a liner in Class I and II restorations, pit and fissure sealants, porcelain repair, repair of marginal defects, small core build-ups, buccal repair, porcelain veneer cementation and bonding splints. Other uses for **Titan** are Class V restorations as well as Class III and small Class IV's.

Titan is flowable; however it has been designed to not slump, which provides better control in hard-to-access areas. Using the tips provided, **Titan** is easily injected directly into the cavity preparation. The material can be shaped with the provided dispensing tips.

- Optimal Handling
- Unsurpassed Strength and Toughness
- High Level of Radiopacity
- Ideal Aesthetics

Principle Uses of Titan

- Cavity Liner
- Pit and Fissure Sealant
- Porcelain Repair
- Margin Repair
- Small Core Build-ups
- Buccal Repair
- Porcelain Veneer Cementation
- Bonding Splints
- Class III, V
- Small Class IV's

Cavity Liner:

- 1) Isolate and prepare the tooth surface to be restored.
- 2) Apply an adhesive, such as the **Simplicity** Self-Etch Adhesive System or **SURPASS®** Self-Etch Adhesive System, according to the manufacturer's instructions.
- 3) Using the appropriate shade of **Titan**, place a 1 mm layer of **Titan** onto the floor and walls of the cavity preparation. Light-activate the layer for 20 seconds.
- 4) Continue to build the restoration using the composite material of your choice. The composite material should be used according to the manufacturer's instructions.

Composite Fillings:

- 1) Isolate and prepare the tooth surface to be restored.
- 2) Apply an adhesive, such as the **Simplicity** Self-Etch Adhesive System or **SURPASS®** Self-Etch Adhesive System, according to the manufacturer's instructions.
- 3) Using the appropriate shade of **Titan**, place a 1mm to 2 mm increment of **Titan** into the cavity preparation. Light-activate for 20 seconds.
- 4) Continue to build the restoration incrementally until the cavity preparation is filled to the desired level. Light-cure each increment for 20 seconds
- 5) Shape and finish to desired level.

NOTE: To prevent excess material from extruding out of the syringe, pull the plunger back immediately after the desired amount is dispensed.

NOTE: **Titan** can be light activated with LED, halogen or other conventional curing lights.

NOTE: **Titan** should be used with 18 or 20 gauge tips

NOTE: **Titan** White Opaque should be light activated for 40 seconds