



## Titan

### General Instructions

**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
- Class 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.

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

# 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