



Surpass® Instructions

The Principal uses of **Surpass®** are:

- Direct Restorations: to bond enamel / dentin prior to restoring with light-cure or self-cure composite materials
- Indirect Restorations: bonding 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
- Bonding posts and cores
- Bonding veneers

Surpass® Instructions:

Although it is not critical to the success of **Surpass®**, it is recommended that the preparation be cleansed 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 **Surpass® 1** into one cavity of the enclosed mixing well. Using the proper color-coded brush, apply **Surpass® 1** to the entire cavity preparation and the surrounding tooth structure, agitating briskly for at least 10 seconds. **DO NOT DRY SURPASS® 1**
3. Dispense a drop of **Surpass® 2** into another cavity of the mixing well. Using the proper color-coded brush apply three brushfuls of **Surpass® 2** to the entire cavity preparation, dabbing each brushful to help distribute as much of the primer as possible.
4. Dry the primed surface with dried compressed air for at least ten seconds with the air syringe tip as close as possible to the surface. **DRY SURPASS® 2 THOROUGHLY**
5. Dispense a drop of **Surpass® 3** into another cavity of the mixing well. Using the proper color-coded brush apply a thin layer of **Surpass® 3** to the entire cavity surface.
6. Light-activate for 10 seconds. **Surpass®** can be activated with any dental activation light.
7. Continue restorative procedure with material of choice. Follow manufacturer's instructions for all restorative materials.

Note: For indirect restorations, prior to light activation air-thin **Surpass® 3** sufficiently to allow proper seating of the restoration.

Note: Deciduous teeth are treated in the same manner as permanent teeth.

Note: **Surpass® 1** should be agitated for 15 seconds on uncut enamel.

Note: **Surpass®** is always light-cured before placing veneers and bonded crowns.

For technical assistance please call toll-free: 1-877-APEX-123

For video versions of our instructions please visit our website at www.apexdentalmaterials.com

Bonding in a Post:

- 1) After rinsing the preparation, dry the surface for approximately 5 seconds with dried compressed air. An appropriately sized paper point(s) is inserted into the canal to remove any remaining moisture.
- 2) A drop of **Surpass® 1** is dispensed into one well of the small white plastic holding tray.
- 3) Using a bristle brush, **Surpass® 1** solution is applied to the canal. It is allowed to dwell for 5 seconds. If there is any significant pooling of the **Surpass® 1** it should be blotted away. The prep should not be allowed to dry. (If the core is to be bonded at the same time, apply **Surpass® 1** to the rest of the prep as well.)
- 4) Dispense a drop of **Surpass® 2** into a clean well. Using a clean bristle brush tip, immediately apply 3 full brushes of **Surpass® 2** into the canal space (and the rest of the prep if indicated).
- 5) The canal space is dried thoroughly. (At least 5 seconds).
- 6) An appropriately sized paper point is inserted into the canal to remove any excess solvent.
- 7) To ensure complete removal of solvent, the canal is dried again for 5 seconds.
- 8) Dispense a drop of **Surpass® 3** into a clean well. Using a clean brush tip, immediately apply one coat of **Surpass® 3** into the canal space (and the rest of the prep if indicated).
- 9) Air thin the **Surpass® 3** as desired and light cure for 10 seconds.
- 10) Sandblast post if it is metal. Coat the post with a layer of **Surpass® 3**, air thin as desired and light-cure 10 seconds.
- 11) Inject **anchor® The Complete Core Build Up / Luting Material** (or a material of your choice) into the canal.
- 12) Seat post into canal. If a dual-cure resin cement is used, the outer surface may be light-cured at this time and the rest of the core built up.