

Composites Used with Ribbond® Fibers (Not an exclusive list) compiled: 10/17/24

Wetting or bonding adhesive to wet Ribbond fibers:

Use an unfilled-enamel bonding resin to wet Ribbond fibers. Do not wet Ribbond fibers with an one-bottle system or a resin that contains dentin primers or acid etchants. Do not wet Ribbond with a flowable composite. Ribbond, Inc. offers a 5 ml bottle of “Ribbond Wetting Resin” for \$29.

Ribbond Securing Composite to attach fibers to teeth:

Ribbond Securing Composite is specifically designed to adapt Ribbond fibers to the teeth. It has a special tacky characteristic to hold the fibers in position. Unlike a thicker filled composite, the unique viscosity of Ribbond Securing Composite allows it to be easily displaced during adaptation of the fibers. This minimizes the bond-line, maximizes the laminate effect and makes adaptation easier. This viscosity is especially good for composite restorations.

OR use a filled composite resin to attach fibers to teeth:

Use a moderately viscous, sculptable, paste-like restorative composite to attach the Ribbond closely against the teeth. Do not use a flowable composite for this layer. Standard viscosity flowable composite are too “slippery” and are not tacky enough to hold the Ribbond in position prior to curing.

Flowable composite to cover fibers:

Use standard flowable composites over the Ribbond fibers. Ribbond fibers do not polish well so the smooth surface of the flowable composite minimizes polishing. Ribbond Securing Composite does not work for this layer.

| | <u>Wetting Resin</u> | <u>Filled Composite to attach fibers to teeth</u> | <u>Flowable</u> |
|------------------------------|---|--|--------------------|
| <u>Ribbond, Inc.</u> | <i>Ribbond Wetting Resin</i> | <i>Ribbond Securing Composite</i> | ----- |
| <u>3M</u> | Scotch Bond Multi-purpose (do <u>not</u> use Universal) | Filtek Supreme Z-250 | Filtek Flow |
| <u>3M Unitek</u> | Transbond XT Light cure primer | Transbond LR or XT Light cure adhesive paste | ----- |
| <u>Bisco</u> | ALL-BOND D/E Resin (do <u>not</u> use Universal) | Aelite All Purpose Body | Aeliteflo |
| <u>Caulk/Dentsply</u> | ----- | TPH | Esthetics Flow |
| <u>Den-Mat</u> | Visar Seal | True Vitality | FlöRestore |
| <u>DMG</u> | Ecusit Mono | Ecusit | Ecuflow |
| <u>Ivoclar</u> | HelioBond | Tetric or Helio Molar (microfill) | Tetric Flow |
| <u>Kerr</u> | OptiGuard | Herculite or Prodigy | Porcelite or Nexus |
| <u>Kulzer</u> | Signum Liquid | Venus Pearl | Venus Diamond Flow |
| <u>Kuraray</u> | Clearfil SE Bond (2 nd bottle) Clearfil SE Bond Protect (2 nd bottle) (do <u>not</u> use Universal) | Majesty Esthetic | Majesty Flow |
| <u>Reliance</u> | Light Bond Sealant | L.C.R (Light Cure Retainer) | ----- |
| <u>Shofu</u> | Ceramage Modeling Liquid | Beautiful II | Beautiful Flow |
| <u>Ultradent</u> | Permaseal | Mosaic | Permaflow |
| <u>Voco</u> | Solobond Plus Adhesive | GrandioSo Heavy Flow | GrandioSo Flow |