

Composites Used with Ribbond® Fibers

“Wetting” or bonding adhesive to wet Ribbond fibers:

Use a plain unfilled-enamel bonding resin (usually the last bottle of a multi-bottle system) to wet the Ribbond fibers.

Do not wet the Ribbond fibers with a one bottle dentin-enamel bonding system, a bonding system that contains fillers, a self-etch bonding system, or a flowable composite.

Soft-paste viscosity 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 standard viscosity flowable composite for this layer. Standard viscosity flowable composites are too “slippery” and are not tacky enough to hold the Ribbond in position prior to curing.

Flowable composite to cover fibers:

Because it flows, it is used as a smoothing layer over the adapted 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 Composites</u>
<u>Cosmedent</u>	Complete (blue bottle) (Ref #570503)	Renamel Nano Plus	Renamel Flowable Microfill
<u>Ultradent</u>	Permaseal (Ref #805631)	Mosaic	Permaflow
<u>3M</u>	Scotch Bond Multi-purpose (Do <u>not</u> use Universal) (Ref # 3-101006)	Filtek Supreme Z-250	Filtek Flow

Note This is not an exclusive list and there are other similar resins from other manufacturers that can also be used to wet the Ribbond.