

Bonding

After cutting and/or milling **ZANTEX™** material, the cosmetic & restorative abutments are bonded and cemented the final **ZANTEX™** reinforcement frame. **ZANTEX™** Forms are compatible with various bonding agents and materials. Bonding procedures may vary.

Zirconia Bonding

Sandblast the surface with Alumina Powder between 80-130 microns under a pressure of 2 bars, (29 psi). Thoroughly clean the surface with a gentle flow of pressurized steam. Dry completely with Ethanol. Use the manufacture's bonding recommendations for Zirconia: Silane, Primer and Dual Cure Cement. All **ZANTEX™** exposed areas that could come in contact with the gingiva should be sealed (use GC OptiGlaze® or equivalent).

Lithium Disilicate Bonding

Sandblast the **ZANTEX™** surface with Alumina Powder between 80-130 microns under a pressure of 2 bars, (29 psi). Thoroughly clean surface with a gentle flow of pressurized steam. Dry completely with Ethanol. Etch, clean, silane and bond the Lithium Disilicate restoration in according to the manufacture's recommendations. All **ZANTEX™** exposed areas that could come in contact with the gingiva should be sealed (use GC OptiGlaze® or equivalent).

Composite / PMMA Obtained from Milling

Sandblast the **ZANTEX™** surface with Alumina Powder between 80-130 microns under a pressure of 2 bars, (29 psi). Thoroughly clean surface with a gentle flow of pressurized steam. Dry completely with Ethanol. Apply Primer and Bond with Dual Cure Cement according to manufacturer's recommendations. All **ZANTEX™** exposed areas that could come in contact with gingiva should be sealed (use GC OptiGlaze® or equivalent).

Composite / PMMA may be Applied Directly to the **ZANTEX™** Reinforcement Material.

Sandblast the **ZANTEX™** surface with Alumina Powder between 80-130 microns under a pressure of 2 bars, (29 psi). Thoroughly clean surface gently with a gentle flow of pressurized steam. Dry completely with Ethanol. Apply Bonding Adhesive recommended by the composite or PMMA manufacture. Apply the composite and cure onto the **ZANTEX™** piece. All **ZANTEX™** exposed areas that could come in contact with the gingiva should be sealed (use GC OptiGlaze® or equivalent).