



Technical Data Sheet

BDT-7600 2-K nano-Ceramic Long Life Color Coat

The BDT-7600 2-K is an extremely UV resistant coating, creates a hard durable finish for industrial use. BDT-7600 is self-priming to most substrates* reducing time and labor required for application making it ideal for Above the water line marine uses, architectural, industrial, agricultural, and heavy service land based or offshore structures and equipment.

BDT-7600 is available in a wide range of standard colors, (refer to the 7600 color chart) with custom colors available as well.

BDT-7600 is able be used with the BDT-520 primer to improve the adhesive bond to the difficult to bond to substrate materials and/or silicone contaminated surfaces.

BDT-7600 may also be used over tight rust by using BDT-1780 Rust-Tight coating

FGI-7600 2-K Properties:

• Color	Refer to 7600 color charts
• Viscosity	>0.21 cm ² /s (104 F/4)0
Percent of Solids	Part A Resin 96% +2
*Mixed (90-91%)	Part B Hardener 71% ±2%
• Mix ratio	4:1 (80:20)
• Odor Liquid	Slight Solvent
• Odor Cured	None
*NFPA flame spread	Class A
V.O.C. (compliant)	0.9 grams per US Gal
• Adhesion	5B (ASTN)
• Mass density Recommended DFT	3.0 mils – 7.0 mils per coat
• Theoretical coverage rate	289 FT ² /US Gal for 5.0 mils
• Pot life (@ 65-70°F)	4 hr.
• Dry to the touch (@ 65-70°F)	1.5-2 hr.
• Recoat time(@ 65-70°F)	1.5-2 hr. minimum
• Cure time (@ 65-70°F)	4-4.5 hr. •
Force dry (after dry to the touch)	140°F max
• Salt Spray (5% Solution)	5500
UV resistance	excellent
*Application temperature	5° above dew poin,pain f
*Relative humidity during application & cure	at 40% minimum

*For surfaces that may have questionable surfaces or contamination, use the BDT-520 nano- ceramic adhesion primer.