



BCC PRODUCTS, INC.

BLEHM PLASTICS

FAST CAST – EPOXIES – ADHESIVES - POLYSULFIDES - URETHANES – POLYESTER PASTES – TOOLING BOARDS – RELEASE AGENTS – SILICONES

EPOXY SURFACE COAT

(White)
BC6005
Epoxy

BC 6005 is a snow white thixotropic epoxy resin designed specifically for quality reproduction of a variety of surfaces. A room temperature cure system that offers ample working time yet affords quick-tack for lamination. **BC 6005** may be applied easily with a brush or troweled to a thickness of 1/8” or less on vertical surfaces or over sharp radii without sag or fear of run-off. When cured, this resin system provides a hard tough chip-resistant surface.

Working Properties

Mix Ratio (Resin/Hardener)	6 to 1 by wt. 4 to 1 by vol.
Viscosity (Brookfield @ 77°F) Mixed	Thixotropic Paste
Pot Life (4 oz. mass) @ 77°F	18-22 Minutes
Cure Schedule @ 77°F	8-12 Hours

Physical Properties

Specific Gravity (gms/cc)	1.50
Weight/cu.in. (lbs.)	0.054
Hardness (Shore D) @ 77°F	89
Ultimate Tensile Strength (psi)	6,800
Ultimate Flexural Strength (psi)	8,900
Ultimate Compressive Strength (psi)	13,100
Heat Distortion Temperature (°F)	138
Flexural Modulus (psi)	0.96 x 10 ⁶

NOTE: The information contained herein is believed to be reliable. All recommendations are made without guarantee inasmuch as conditions and methods of commercial use are beyond our control. Properties given are typical values and are not intended for use in preparing specifications.

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