

BCC Products BC 6004 Epoxy Surface Coat

Category : Polymer , Thermoset , Epoxy

Material Notes:

BC 6004 is a white thixotropic epoxy surface coat that has the ability to cure and bond to freshly poured wet plaster. This formulated resin compound can be applied 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. BC 6004 features moderate heat resistance and tracing hardness. Information provided by BCC Products, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BCC-Products-BC-6004-Epoxy-Surface-Coat.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.58 g/cc	1.58 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	89	89	
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Tensile Strength, Ultimate	46.9 MPa	6800 psi	
Flexural Strength	59.3 MPa	8600 psi	
Flexural Modulus	6.76 GPa	980 ksi	
Compressive Strength	95.1 MPa	13800 psi	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	78.9 °C	174 °F	

Processing Properties	Metric	English	Comments
Cure Time	480 - 720 min	8.00 - 12.0 hour	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Pot Life	15 - 20 min	15 - 20 min	4 oz. mass
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Mix Ratio	12:1 by weight, 7:1 by volume, resin/harder	
Mixed Viscosity, Brookfield	Thixotropic	

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