

Abatron AboCoat 8508-3 Self-Leveling Epoxy Coating and Resurfacer

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

Material Notes:

AboCoat 8508-3 is a self-leveling epoxy coating and resurfacer. It is used for heavy-duty protection and rebuilding of smooth, spalled, cracked, or pitted floors. It can be applied to concrete, masonry, wood, metal, glass, and composite surfaces. It is ideal for seamless floors in heavy-traffic areas and can be used with sand or grit to make a great anti-slip surface. Features: Contains no water or solvents; Can be applied in any thickness; Primer recommended; Available in standard and custom colors; 2-component (3:1 by volume); Virtually shrink-free. Benefits: Can be mixed with sand and gravel to level damaged areas; Excellent chemical and salt resistance; Superior wear resistance; Superior color retention.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCoat-8508-3-Self-Leveling-Epoxy-Coating-and-Resurfacer.php

Physical Properties	Metric	English	Comments
Volatile Organic Compounds (VOC) Content	0.00 g/l	0.00 g/l	EPA method #24

Mechanical Properties	Metric	English	Comments
Elongation at Break	7.6 %	7.6 %	ASTM-D638
Compressive Strength	124 MPa	18000 psi	ASTM-D695
Adhesive Bond Strength	13.01 MPa	1887 psi	ASTM-D4541
Coefficient of Friction	1.43	1.43	Slip resistance; ASTM-D1894

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	ASTM-D2485

Processing Properties	Metric	English	Comments
Processing Temperature	15.6 - 29.4 °C	60.0 - 85.0 °F	Application Temperature
Cure Time	10080 - 30240 min @Temperature 20.0 °C	168.0 - 504.0 hour @Temperature 68.0 °F	(1-3 weeks)
Pot Life	50 min @Temperature 24.0 °C	50 min @Temperature 75.2 °F	100 g
Shelf Life	>= 24.0 Month	>= 24.0 Month	

Descriptive Properties	Value	Comments
Abrasive Resistance (g)	0.16	ASTM-D4060; CS 17/Load 1000/Cycles 1000

Descriptive Properties	Value	Comments
Hardness, pencil	3H	ASTM-D3363
Impact Resistance	5	ASTM-D4226

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