

Abatron Abokote 8106-1 Water-Based Epoxy Coating for Floors

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

Material Notes:

Abokote 8106-1 is a water-based epoxy coating that is part of the Abokote 8106-1 Flooring System which consists of this water-based epoxy coating, vinyl color chips, and Abokote 57-1 clear acrylic top-coat. The Flooring System is recommended for floors requiring a durable, water-resistant, attractive coating with low odor. This system has the attributes of solvent-based epoxy systems without solvent vapors. For this reason it can be used in areas without strong ventilation such as utility rooms, basements, and other confined spaces. It comes in many color options allowing it to be used in locations where an aesthetically pleasing flooring system supporting heavy foot traffic is needed. Features: high bond strength, water-resistant, low odor and no solvents, slip resistant, unlimited standard and custom colors, abrasion resistant, and glossy. Benefits: high durability, easy installation, low hazard for installation, easy maintenance, design options, and cost-effective.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-Abokote-8106-1-Water-Based-Epoxy-Coating-for-Floors.php

Physical Properties	Metric	English	Comments
Volatile Organic Compounds (VOC) Content	257.6 g/l	257.6 g/l	EPA method #24

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	2.05 MPa	298 psi	ASTM-D4541
Coefficient of Friction	1.3	1.3	Slip resistance; ASTM-D1894

Thermal Properties	Metric	English	Comments
Flash Point	100 °C	212 °F	ASTM-D3278

Descriptive Properties	Value	Comments
Abrasive Resistance (g)	0.101	ASTM-D4060; CS 17/Load 1000/Cycles 1000
Chemical Resistance	Good	ASTM-D543
Hardening Time (min)	120	
Hardness, pencil	HB	ASTM-D3363
Impact Resistance	22.5	ASTM-D4226
Induction Period (min)	30-45	

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