

Blue River Coatings Wood Primer

Category : Polymer , Adhesive , Thermoset

Material Notes:

BLUE RIVER COATINGGS WOOD PRIMER is a high quality, single component primer, not requiring any catalyzing agent. WOOD PRIMER offers good coverage, excellent durability, and ease of application, as well as being a low VOC and EPA compliant coating. BLUE RIVER COATINGS WOOD PRIMER has been tested and approved by the Window Door Manufacturer Association (WDMA). Enviromental Advantages:BLUE RIVER COATINGS WOOD PRIMER is a low VOC (Volatile Organic Compound), high performance production coating. It is considered non-hazardous by EPA definitions and does not contain lead or chromates. The solid and semi-solid sludge produced in spraying and clean up can be flocculated; dried and sent to a “Class B” landfill. Check with local and state regulations for proper handling.

Characteristics: Excellent exterior durabilityExcellent hardness/impact resistanceExcellent mar and abrasion resistance Excellent adhesion to wood preservativesSolvent resistantCan be applied in a wide variety of temperature and humidity conditions without the use of retardersDistilled water is used for reductionWater is used for clean-upNon-HazardousAir dry or force curing preferredCan be oven bakedWide range of colorsShelf life of 1 yearUnused paint can be returned to containerWill not support combustionExcellent water repellencyHousehold cleaner resistantUsesWood windows and doorsPre-Finished siding Salt Fog in Harshaw No. 22 cabinet via ASTM B117 procedures with 5% NaCl solution. Evaluation of panels follows ASTM D610, D714, and D1654-Passed 500 hours.Primer has been tested and approved for use by Sealrite Windows, Inc., including an actual 18-month exterior weather test at the Sealrite plant in Nebraska. Also approved by Windsor Windows in Iowa and North Carolina.Information provided by Blue River Coatings

Order this product through the following link:
http://www.lookpolymers.com/polymer_Blue-River-Coatings-Wood-Primer.php

Physical Properties	Metric	English	Comments
Specific Gravity	>= 1.00 g/cc	>= 1.00 g/cc	
Density	1.241 g/cc	0.04485 lb/in³	
Solids Content	40.62 %	40.62 %	by volume
	43.2 %	43.2 %	by weight
Volatile Organic Compounds (VOC) Content	240 g/l	240 g/l	
pH	7.0 - 8.5	7.0 - 8.5	

Mechanical Properties	Metric	English	Comments
Impact Test	9.04 J	6.67 ft-lb	

Thermal Properties	Metric	English	Comments
Boiling Point	169 °C	336 °F	
Flash Point	65.6 °C	150 °F	

Processing Properties	Metric	English	Comments
Cure Time	6.00 min	0.100 hour	Dry to stack, at 50% humidity
	@Temperature 140 °C	@Temperature 284 °F	
	10.0 min	0.167 hour	Dust Free, at 50% humidity
	@Temperature 75.0 °C	@Temperature 167 °F	
	19.8 min	0.330 hour	Recoat, at 50% humidity
	@Temperature 75.0 °C	@Temperature 167 °F	
	30.0 min	0.500 hour	Dry to handle, at 50% humidity and 75°C
	@Temperature 75.0 °C	@Temperature 167 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Adhesion	Excellent; preservative treated wood.	
Evaporation Rate	Slower than ether	
Theoretical Coverage	652 ft ² at 1 mil	
Vapor Density	Heavier than air	
Water Submersion	<1% water gain when submerged for 24 hours	

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