

Chesterton ARC NVE VC Vinyl Ester Sealer

Category : Polymer , Thermoset , Vinyl Ester

Material Notes:

Description: ARC NVE VC (Veil Coat) is a two-component, modified epoxy novolac vinyl ester sealer coat formulated for application by brush, roller or spray at 0.15-0.25 mm (0.07-0.010") wet film thickness. It is used either to seal the NVE TC (Top Coat) or as a stand alone thin film chemical resistant barrier for concrete in chemical immersion applications. Benefits: User friendly consistency makes installation and finishing fast and easy. Seals surface for ease of cleaning. Information provided by Chesterton

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chesterton-ARC-NVE-VC-Vinyl-Ester-Sealer.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	Cured
Volatile Organic Compounds (VOC) Content	70 g/l	70 g/l	EPA 24

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	>= 3.80 MPa	>= 551 psi	ASTM D4541

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 °C	266 °F	Wet
	200 °C	392 °F	Dry

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	Foot Traffic
	@Temperature 26.0 °C	@Temperature 78.8 °F	
	60.0 min	1.00 hour	Light Load
	@Temperature 26.0 °C	@Temperature 78.8 °F	
60.0 min	@Temperature 26.0 °C	1.00 hour	Full Load
90.0 min	@Temperature 21.0 °C	1.50 hour	Foot Traffic
90.0 min	@Temperature 21.0 °C	1.50 hour	Light Load
120 min		2.00 hour	Full Load

Processing Properties	@Temperature 21.0 °C Metric	@Temperature 69.8 °F English	Comments
	150 min	2.50 hour	Foot Traffic
	@Temperature 16.0 °C	@Temperature 60.8 °F	
	180 min	3.00 hour	Light Load
	@Temperature 16.0 °C	@Temperature 60.8 °F	
	240 min	4.00 hour	Foot Traffic
	@Temperature 10.0 °C	@Temperature 50.0 °F	
	240 min	4.00 hour	Full Load
	@Temperature 16.0 °C	@Temperature 60.8 °F	
	360 min	6.00 hour	Light Load
	@Temperature 10.0 °C	@Temperature 50.0 °F	
	480 min	8.00 hour	Full Load
	@Temperature 10.0 °C	@Temperature 50.0 °F	
	960 min	16.0 hour	Full Chemical
	@Temperature 26.0 °C	@Temperature 78.8 °F	
	1440 min	24.0 hour	Full Chemical
	@Temperature 21.0 °C	@Temperature 69.8 °F	
	1680 min	28.0 hour	Full Chemical
	@Temperature 16.0 °C	@Temperature 60.8 °F	
	1920 min	32.0 hour	Full Chemical
	@Temperature 10.0 °C	@Temperature 50.0 °F	

Descriptive Properties	Value	Comments
Color	Gray	
	Red	

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