

3M Scotchkote™ 323R Liquid Epoxy Coating

Category : Polymer , Thermoset , Epoxy

Material Notes:

3M Scotchkote Rebar Liquid Patch Compound 323R is a two-part, ambient temperature cure, 100% solids content, thermosetting, liquid epoxy coating. Intended Uses:As a patch materialAs a rebar shear end coatingRepair of scrapes, scars, damage or imperfections in 3M Scotchkote Fusion-Bonded Epoxy Coating 413 and 413 Spray Grade.Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotchkote-323R-Liquid-Epoxy-Coating.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	
Viscosity	19000 cP	19000 cP	Part B
	90000 cP	90000 cP	Part A

Mechanical Properties	Metric	English	Comments
Impact Test	8.30 J	6.12 ft-lb	ASTM G14
Abrasion	0.325	0.325	[g], CS-17 wheels, 1000g load, 5000 cycles wheels resurfaced every 500 cycles; ASTM D4060

Processing Properties	Metric	English	Comments
Cure Time	26.0 min	0.433 hour	ASTM D1640
	@Temperature 50.0 °C	@Temperature 122 °F	
	105 min	1.75 hour	ASTM D1640
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	420 min	7.00 hour	ASTM D1640
	@Temperature 5.00 °C	@Temperature 41.0 °F	
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Green	

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