

## 3M Scotchkote™ 323 Purple Patch Compound

Category : Other Engineering Material

### Material Notes:

3M Scotchkote 323 Purple Patch Compound is an ambient temperature cure, two-part system designed to protect metal, concrete and other surfaces from corrosion and deterioration. Scotchkote 323 Purple Patch Compound is the patch material color matched to 3M Scotchkote Fusion Bonded Epoxy. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotchkote-323-Purple-Patch-Compound.php](http://www.lookpolymers.com/polymer_3M-Scotchkote-323-Purple-Patch-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in <sup>3</sup>	
Viscosity	20000 cP	20000 cP	Part B
	120000 cP	120000 cP	Part A

Mechanical Properties	Metric	English	Comments
Abrasion	0.325	0.325	[g], CS-17 wheels, 1000g load, 5000 cycles wheels resurfaced every 500 cycles; ASTM D4060-95

Processing Properties	Metric	English	Comments
Cure Time	26.0 min	0.433 hour	Dry to Touch Time; ASTM D1640 clause 7.5.2
	@Temperature 50.0 °C	@Temperature 122 °F	
	39.0 min	0.650 hour	Dry to Handle Time; ASTM D1640 clause 7.7.1
	@Temperature 50.0 °C	@Temperature 122 °F	
	105 min	1.75 hour	Dry to Touch Time; ASTM D1640 clause 7.5.2
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	159 min	2.65 hour	Dry to Handle Time; ASTM D1640 clause 7.7.1
@Temperature 24.0 °C	@Temperature 75.2 °F		
420 min	@Temperature 5.00 °C	7.00 hour	Dry to Touch Time; ASTM D1640 clause 7.5.2
		@Temperature 41.0 °F	
480 min	@Temperature 5.00 °C	8.00 hour	Dry to Handle Time; ASTM D1640 clause 7.7.1
		@Temperature 41.0 °F	
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Purple	

## Contact Songhan Plastic Technology Co.,Ltd.

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