

3M Scotch-Weld™ DP600 Concrete Repair and Self-Leveling

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

3M™ Scotch-Weld™ Concrete Repair Self-Leveling DP600 is a gray, rapid setting, two component polyurethane. It is packaged as a 1:1 ratio liquid in a duo-pack cartridge. With the squeeze of a trigger, the components are automatically mixed and easily dispensed as a bubble-free self-leveling liquid. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Scotch-Weld-DP600-Concrete-Repair-and-Self-Leveling.php

Physical Properties	Metric	English	Comments
Density	1.02 - 1.07 g/cc	0.0368 - 0.0387 lb/in³	Part B
	1.14 - 1.19 g/cc	0.0412 - 0.0430 lb/in³	Part A
Brookfield Viscosity	1000 - 3000 cP	1000 - 3000 cP	Part A, CP#52 @ 100 rpm
	1100 - 6000 cP	1100 - 6000 cP	Part B, CP#52 @ 100 rpm

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	after cure
	@Time 3600 sec	@Time 1.00 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Minimum Service Temperature, Air	-51.0 °C	-59.8 °F	

Processing Properties	Metric	English	Comments
Cure Time	4.00 min	0.0667 hour	Tack-Free, 10 g, 1/4" thick @ RT
	60.0 min	1.00 hour	Full, 10 g, 1/4" thick @ RT

Descriptive Properties	Value	Comments
Appearance	Clear Yellowish	Part A
	Medium-Gray	Cured
	Opaque Black	Part B

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