

Mountain Grout®

High Performance Coatings

Technical Data:

MGP77

Pure Urea System

Description: MGP77 is a sprayable, VOC free, two component, aromatic, elastomeric coating. Its low viscosity at operational temperatures makes this product ideal for both in-plant and field spray applications. Unique properties of this coating are its rapid cure time and its insensitivity to moisture.

Typical Chemical Analysis	"A" Component	"B" Component
Viscosity @74°F, ASTM D-1638	250 cps	800 cps
Physical State	Liquid	Liquid
Color	Clear	Various
Weight per gallon	9.30	8.70
Hygroscopicity	Reacts with water and evolves CO2 gas	
Non-Volatile, %		100
Material Metering Ratios	"A" Component	"B" Component
Parts by volume (total mix 100 parts)	50 parts	50 parts
Reaction Profile		
Gel Time, seconds	16	
Tack Free Time, seconds	45	
Cure Time, minutes	60	
Recoat, hours	0 – 24	
Typical Physical Properties	Results	Test Type
Tensile Strength, psi	3020	ASTM D-638
100% Modulus	1202	
Elongation, %	440	ASTM D-638
Tear Strength, pli	495	ASTM D-624
Shore D Hardness	50	ASTM D-2240
Moisture Vapor Transmission (Perms @ 30 dry mils)	0.02	ASTM E-96
Dynamic Mechanical Spectrometry (Temperature Performance)	Low Temperature °F	High Temperature °F
	-49	383
Machine Mixing Requirements	Heated Plural Component Equipment such as:	
	Gusmer 3500	Gusmer H-20/35 or
BINKS Formulator "K"	Iso pressure = 2300 psig Resin Pressure = 2300 psig	Temperature = 165°F
Gusmer GX-7 400 Series spray gun:	Module 17190-453	PCD-210

Read the Material Safety Data Sheet before using Mountain Grout products!

Distributed by:

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