

Mountain Grout®

High Performance Coatings

Technical Data:

MGP43

Pure Urea System

Description: MGP43 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 include a slow gel time and insensitivity to moisture.

Typical Chemical Analysis	"A" Component	"B" Component
Viscosity @74°F, ASTM D-1638	300 cps	2000 cps
Physical State	Liquid	Liquid
Color	Clear with yellow tint	Gray
Specific Gravity	1.176	1.045
Hygroscopicity	Reacts with water and evolves CO2 gas	
Non-Volatile, %		100
Water Content		<0.03%
Material Metering Ratios	"A" Component	"B" Component
Parts by volume (total mix 100 parts)	50 parts	50 parts
Reaction Profile		
Gel Time, seconds	35 – 45	
Tack Free Time, seconds	45 – 55	
Cure Time, minutes	120	
Recoat, hours	0 – 24	
Typical Physical Properties	Results	Test Type
Tensile Strength, psi	4626	ASTM D-638
Elongation, %	10	ASTM D-638
Tear Strength, pli	478	ASTM D-624
Shore D Hardness	70	ASTM D-2240
MVT, perms at 30 dry mils	<0.04	
Water absorption, % wt. Gain	<3.0	Immersion for 24 hrs @ 25°C
Machine Mixing Requirements		
BINKS Formulator "K"		
Iso pressure	2600 psig	
Iso Temperature	170°F	
Resin Pressure	2400 psig	
Resin Temperature	180°F	
Gusmer GX-7 400 Series gun		
Module [(1) A-0.024", (1) B-0.022"]	17190-451	
PCD	17192-213	

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

Distributed by:

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