

Skamol Group Skamol M-20 Insulating Mortar

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

SKAMOL insulating mortars have the following characteristics: Max. service temperature: Up to 1150Â°C (2102Â°F)Dry-mix mortars designed for use with Skamol insulating bricks/blocks and slab grades in various applicationsGood insulation valuesOutstanding bonding properties within max. service temperature rangeWater-retentive properties for quick and easy laying of dry bricks/blocks/slabs.Combined air and heat-setting.Information provided by Skamol.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Skamol-Group-Skamol-M-20-Insulating-Mortar.php

Physical Properties	Metric	English	Comments
Bulk Density	0.529 g/cc	0.0191 lb/inÂ³	As Supplied
	0.897 g/cc	0.0324 lb/inÂ³	Dried at 110Â°C (230Â°F)
Loss On Ignition	6.00 %	6.00 %	
	@Temperature 1025 Â°C	@Temperature 1877 Â°F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	900 Â°C	1650 Â°F	

Component Elements Properties	Metric	English	Comments
Al2O3	11 %	11 %	
CaO	1.0 %	1.0 %	
Fe2O3	5.5 %	5.5 %	
K2O	1.3 %	1.3 %	
MgO	1.0 %	1.0 %	
Na2O	5.0 %	5.0 %	
SiO2	67 %	67 %	
TiO2	1.0 %	1.0 %	

Processing Properties	Metric	English	Comments
Moisture Content	2.0 %	2.0 %	as supplied

Descriptive Properties	Value	Comments
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Descriptive Properties	Value	Comments
Mixing Water Usage	22.5 liters to 25kg	
Package Weight	25 kg	Unit weight, all included. Plastic sack with dry mix.
Pyrometric Cone Equivalent	1040Â°C	ASTM C24-89, ORTON cones
Recommended Joint Thickness	3.0-5.0 mm	
Setting Mechanism	air and heat-setting	
Type	dry mix	
Usage	3 kg	Quantity to fix 1m ² (11 ft ²) of Slabs
	65 kg	Quantity to set 1m ³ (35.31 ft ³) of Bricks

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