

Skamol Group Skamol FL-06 Insulating Mortar

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

SKAMOL insulating mortars have the following characteristics: Max. service temperature: Up to 1150°C (2102°F) Dry-mix mortars designed for use with Skamol insulating bricks/blocks and slab grades in various applications Good insulation values Outstanding bonding properties within max. service temperature range Water-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-FL-06-Insulating-Mortar.php

Physical Properties	Metric	English	Comments
Bulk Density	1.30 g/cc	0.0469 lb/in ³	As Supplied
	1.60 g/cc	0.0579 lb/in ³	Dried at 110°C (230°F)
Loss On Ignition	4.10 %	4.10 %	
	@Temperature 1025 °C	@Temperature 1877 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1150 °C	2100 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	40 %	40 %	
CaO	0.40 %	0.40 %	
Fe ₂ O ₃	1.2 %	1.2 %	
K ₂ O	1.6 %	1.6 %	
MgO	0.90 %	0.90 %	
Na ₂ O	3.6 %	3.6 %	
SiO ₂	46 %	46 %	
TiO ₂	1.5 %	1.5 %	

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	6.8 liters to 25 kg	
Package Weight	25 kg	Unit weight, all included. Plastic sack with dry mix.
Pyrometric Cone Equivalent	1585Â°C	ASTM C24-89, ORTON cones
Recommended Joint Thickness	3.0-5.0 mm	
Setting Mechanism	air and heat-setting	
Type	dry mix	
Usage	110 kg	Quantity to set 1m ³ (35.31 ft ³) of Bricks
	5.33 kg	Quantity to fix 1m ² (11 ft ²) of Slabs

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