

Belcolle MS

Product Information Sheet

Monolithic Refractory

Air setting silica based ready to use mortar. Used for jointing aluminosilicate bricks and insulating panels.

Service Temperature :	1000 °C	Material Required :	-
Typical Water Required :	-	Maximum Grain Size :	0.2 mm
Moisture Content :	26.0 %	Mortar required per 1000 Standard Bricks :	200 kg
Particle Size -0.090 mm:	95.0 %		

Chemical Analysis

SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	Na ₂ O + K ₂ O	
75.5	0.6	12.6	1.0	0.1	0.1	9.8	

Typical Physical Properties

Tested in accordance with International and European Standards

Prefired to	Bulk Density	Cold Crushing Strength	Cold Modulus of Rupture	Permanent Linear Change
(°C)	(kg/m ³)	(N/mm ²)	(N/mm ²)	(%)

Other Physical Properties

Tested in accordance with International and European Standards

Prefired to	Apparent Porosity	Thermal Conductivity	Hot Modulus of Rupture	Permanent Volume Change
(°C)	(%)	(W/m.K)	(N/mm ²)	(%)

Formerly:

Product Number:	LEX00109 MX0 MOR	Revision:	A:00	MSDS Reference:	LEX00109
Drying & Firing:	N/A	Pumping:	N/A	Mixing / Installation:	N/A
Shotcreting:	N/A			Effective Date:	22/12/2005

The physical and/or chemical properties and specifications of the product set forth above represent typical average results obtained in accordance with generally accepted standard test methods conducted under controlled conditions, and are subject to normal manufacturing variations. Vesuvius reserves the right to modify the properties and specifications at any time without prior notice.

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