



Revision: A.00

Surebond 70PW
TS LEX00145 MX0 MOR**Monolithic
Refractory
Product Information**

Date: 06 Oct 2006

Chemically bonded mortar based on mullite. Supplied ready to use.

NOTE: Best used within three months of manufacture.

Service Temperature:	-	Material Required:	2600 kg/m ³
Typical Water Required:	-	Maximum Grain Size:	2 mm
Moisture Content:	15.2 %	Particle Size -0.090 mm:	43 %
Pyrometric Cone Equivalent Temp:	>1805 °C		

Chemical Analysis

SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	Na ₂ O + K ₂ O	P ₂ O ₅
25.3	1.6	69.1	0.9	0.1	0.2	0.3	2.4

Typical Physical Properties

Tested in accordance with International and European Standards

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

Tested in accordance with International and European Standards

Prefired to (°C)	Apparent Porosity (%)	Thermal Conductivity (W/m.K)	Hot Modulus of Rupture (N/mm ²)	Permanent Volume Change (%)
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Formerly: Ciment 2372P

Drying & Firing:	N/A	Installation Method:	N/A	Mixing / Installation:	N/A
Shotcreting:	N/A	Pumping:	N/A	MSDS Reference:	LEX00145

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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