

TOPATCH 170PL

Product Information Sheet

Monolithic Refractory

A high alumina, cement bonded patching mix with good abrasion resistance.

Maximum Service Temp: 1650°C
Maximum Grain Size: 4.0 mm
Standard Packaging*: Sack - 25kg
Estimated Coverage:** 2100 kg/m³
Initial Heat Up Schedule:
Water Addition: 11-15%

Reversible Thermal Expansion @ 1000°C: n/a
Curing Time: 24 Hrs
Storage Life: 6 Months
Setting: Hydraulic
Abrasion Loss: NA
ASTM C704

Chemical Analysis

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Alkalies	MgO	
68	21	1.2	2.9	5.5	0.3	0.2	

Typical Physical Properties: On cast samples

Prefired To	Bulk Density	Cold Crushing Strength	Cold Modulus of Rupture	Permanent Linear Change
°C	kg/m ³	MPa	MPa	%
110	2200	25.00	-	-0.14
1200	2050	7.00	-	-0.30

Other Physical Properties

Prefired To	Apparent Porosity	Thermal Conductivity	Hot Modulus of Rupture	Permanent Volume Change
°C	%	W/mK	MPa	%
110	-	-	-	-
1200	-	-	-	-

Formerly: PROVISIONAL DATA

Product Number: LEJ71014

Effective Date: 9/2008

MSDS Reference: HACASMA

Revision: 02

*Please enquire for other packaging options

**Estimated coverage on gungrades does not include rebound

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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