

SUPER PATCH #3000™ MORTAR

Product Information Sheet

Monolithic Refractory

SUPER PATCH #3000™ is an air set patching compound formulated for repairing those damaged areas requiring the application of an inch thick layer of refractory material. NOTE: Refractoriness - No evidence of mortar flowing out of the joints when heated to 3000°F. For best results, briefly stir container contents to insure even distribution of the components.

Service Temperature: 3000 °F **Material Required:** 155 lb/ft³
Typical Water Required: N/A % **Maximum Grain Size:** 48 mesh US Sieve

Chemical Analysis

SiO ₂	Al ₂ O ₃	Na ₂ O + K ₂ O	Other
44.5-49.5	44.6-49.6	3.0-3.6	2.3-2.9

Typical Physical Properties

Tested in accordance with International and ASTM Standards

Prefired to	Bulk Density	Cold Crushing Strength	Cold Modulus of Rupture	Permanent Linear Change
(°F)	(lb/ft ³)	(psi)	(psi)	(%)
230	-	-	630	-
1400	-	-	680	-
2200	-	-	590	-

Other Physical Properties

Tested in accordance with International and ASTM Standards

Prefired to	Apparent Porosity	Thermal Conductivity	Hot Modulus of Rupture	Permanent Volume Change
(°F)	(%)	(Btu.in/h.ft ² .F)	(psi)	(%)

Formerly:

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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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