

**Product
Information**

France Non Spall

TS LAEE302 VF 289



Revision: B.00

Date: 30 Sep 2008

France Non Spall is a special high duty fireclay brick with a well balanced formulation to provide resistance to spalling, abrasion, and chemical attack. It will find use in furnace roofs and linings, boilers, incinerators, cement and lime kilns, reheat furnaces, and a wide variety of other applications.

Chemical Analysis		Unit of Measurement	Typical Range Min - Max	Typical Value
Silica	SiO ₂	%	-	56.2
Titania	TiO ₂	%	-	1.9
Alumina	Al ₂ O ₃	%	-	38.8
Iron Oxide	Fe ₂ O ₃	%	-	1.3
Calcia	CaO	%	-	0.1
Magnesia	MgO	%	-	0.3
Alkali	Alkali	%	-	1.4

Physical Properties				
Bulk Density		lb/ft ³	-	139.0
Hot Load Deformation at 2640°F (1450°C) [ASTM C16]		%	-	-3.8
Apparent Porosity		%	-	16.5
Cold Crushing Strength, Fired to 68°F		psi	-	3500-5500
Permanent Linear Change, Fired to 2460°F		%	-	+0.1
Permanent Linear Change, Fired to 2910°F		%	-	+2.5
Modulus of Rupture at 68°F		psi	-	945

Manufactured by SnowShoe Refractories, LLC

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.

MSDS Reference : LAEE302

QA9-168-0

Level3 Data



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