



CHAMOTTE BRICK M2

Classification:	Chamotte brick
Main raw materials:	Chamotte
Refractoriness:	>1665 °C
Type of bond:	Ceramic
Features and main applications:	In safety layers and general applications including: steel and cement industries as well as ferroalloy, chemical and non-ferrous industries, side walls - rotary kilns.

Chemical Composition

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	TiO ₂ (%)	Alkalise
40-44	50-54	2-3	3-5	< 0.8

Properties

Bulk density (g/cm³)	2.15-2.30
Cold crushing strength (kg/cm²)	350-600
Apparent porosity (%)	12-19
R.U.L (T0.5)(°C)	> 1320
Thermal shock (Cycle in water)	15

ASTM Test Methods, where applicable, used for determination of data.

The above data are typical of the properties of commercial Standard brick.

These data represent average properties obtained from commercial products and should not be considered as guaranteed specifications.

Document code: MRP-SA-FR-11/04

Date of issue: 2025/11/15



www.mahanrefco.com



info@mahanrefco.com



+983153309853-4



CONTACT US