

High Heat Duty

Mt. Savage Firebrick

17901 Mt. Savage Road NW
Frostburg, MD 21532

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Product Data

Scope:

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.

PCE: 30½ - 31

Chemical Analysis (Wt.% - Calcined Basis)

SiO ₂	58.90
Al ₂ O ₃	34.55
TiO ₂	2.31
Fe ₂ O ₃	1.92
CaO	0.16
MgO	0.18
Alkalies	1.98

CLASSIFICATION:

ASTM C-27

METHOD OF MANUFACTURE

Dry Press

MODULUS OF RUPTURE—PSI

750—1000

APPARENT POROSITY %

16—21.5

COLD CRUSHING P. S. I.

3000—4000

BULK DENSITY—lbs/cu ft.

128—135

The data given above are average results of our common sized products and are subject to variation. These results should not be used for specification purposes.

M307/01-06