



RS.IS.18

Type of Product: Calcium Silicate Insulation (Only for backlining)

Physical Properties:

Max Service Temperature (°C)	800
Bulk Density after 110 °C (Kg/m ³)	≤ 550
Cold Crushing Strength after 110 °C (Kg/Cm ²)	≥ 15
Linear shrinkage after reheating at 700°C for 24 hours (%)	< 2

Thermal Conductivity (Kcal/m.h.°C):

@ 400 °C	0.18 - 0.21
@ 600 °C	0.20 - 0.23

Chemical Analysis (%):

SiO ₂	CaO	Al ₂ O ₃	L.O.I
65	20	4	10

- The above data are typical of the properties of commercial standard brick.
- The data are subject to reasonable variations and therefore should not be used for specification purposes.
- ASTM Test Methods, where applicable, used for determination of data.

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