

Engineering Ableidinger & Co.

Technology for Steel Foundries

ISOTHERM HD

SPECIFICATION

Product Name: ISOTHERM INSULATION BRICKS

Description: White/Cream lightweight insulation tiles for feeders in foundries

Physical Properties:

Aluminum Content, Al₂O₃: > 45%

Bulk Density: 0.75 g/cm³ (+/-5%) refractoriness: 31 SK

Classification Temperature: 1350°C

Cold Crushing Strength: > 2.0 M/Pa

Total Porosity (approx.): 75%

Iron Oxide Content, Fe₂O₃ : < 1,8%

Mean Thermal Conductivity: 0,21w/mK

Thermal Conductivity:

600°C 0,34 w/mK

800°C 0,37 w/mK

1000°C 0,40 w/mK

1200°C 0,44 w/mK

Packing | Storage

Palletized, shrink wrapped. Material should be kept dry.

Health & Safety

No known health and safety risks. In the event of cutting tiles normal protection against nuisance dust should be used.