

REFRACON SDN. BHD. (346847-K)

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Technical Data

Product Name : REFCAST 1500
Packing : 25 Kg Bag on Pallets
Installation Method : Casting

ASTM Classifications : Class D

Max. Service Temperature : 1500 C

Chemical Analysis (XRF) :

| | | |
|------------------------------------|----------|------------|
| Al₂O₃ | % | 61 |
| SiO₂ | % | 30 |
| Fe₂O₃ | % | 2.5 |

Physical Properties

All Physical Test Data Values are on Cast Samples

| Firing Temperature °C | Bulk Density Kg/m ³ | Cold Crushing Strength Kg/cm ³ | PLC % |
|---------------------------------|--|---|-----------------|
| 110 | 2200 – 2300 | 250 – 350 | - |
| 1000 | 2000 – 2100 | 150 – 250 | -0.10 |
| 1500 | 2200 – 2300 | 300 – 400 | -0.50 |

Thermal Conductivity

| Mean Temp °C | W/mK |
|------------------------|-------------|
| 400 | 1.05 |
| 600 | 1.07 |
| 800 | 1.10 |

Installation Information

| | | |
|------------------|--------------------|-------------|
| Intalled yield | Kgs/m ³ | 2300 |
| Water Addition | Litres/25Kgs | 3.25 – 4.00 |
| Standard Packing | 25Kgs/Bag | |

The above data are typical results of laboratory testing. They are thus representative for guidance only as as such do not constitute a Specification or form part of a Contract.