

# REFRACON SDN. BHD. (346847-K)

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## Technical Data

**Product Name** : REFCAST 1400  
**Packing** : 25 Kg Bag on Pallets  
**Installation Method** : Casting

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**ASTM Classifications** : Class C

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**Max. Service Temperature** : 1400 C

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### **Chemical Analysis (XRF) :**

<b>Al<sub>2</sub>O<sub>3</sub></b>	<b>%</b>	<b>42</b>
<b>SiO<sub>2</sub></b>	<b>%</b>	<b>44</b>
<b>Fe<sub>2</sub>O<sub>3</sub></b>	<b>%</b>	<b>2.5</b>

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## **Physical Properties**

All Physical Test Data Values are on Cast Samples

<b>Firing Temperature</b> °C	<b>Bulk Density</b> Kg/m <sup>3</sup>	<b>Cold Crushing Strength</b> Kg/cm <sup>3</sup>	<b>PLC</b> %
110	2000 – 2100	280 – 350	-
1000	1850 – 1950	170 – 250	-0.13
1400	1950 – 2050	280 – 360	-0.52

### **Thermal Conductivity (@ 600C)**

0.76 W/mK

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### **Installation Information**

Intalled yield	Kgs/m <sup>3</sup>	2000
Water Addition	Litres/25Kgs	3.0 – 3.5
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.