

**PRODUCT:** ACCOSET 50 N  
**PRODUCT CLASS:** REFRACTORY MONOLITHIC  
**TYPE:** 50 % ALUMINA MORTAR (COARSE)  
**NATURE OF BOND:** CHEMICAL / CERAMIC

### **GENERAL PROPERTIES**

Maximum Service Temperature: 1500 °C  
 Sintering Temperature: 1100 °C  
 Maximum Grain Size: 1.5 mm  
 Water for Trowelling Consistency : 20 – 28 %

### **CHEMICAL ANALYSIS, %**

|                                | RANGE       | TYPICAL VALUE | TEST PROCEDURE   |
|--------------------------------|-------------|---------------|------------------|
| Al <sub>2</sub> O <sub>3</sub> | 45.0 – 50.0 | 47.3          | BIS 12107 Part 3 |
| Fe <sub>2</sub> O <sub>3</sub> | 3.8 – 4.8   | 4.4           | BIS 12107 Part 6 |

### **PHYSICAL PROPERTIES**

|                               | RANGE | TYPICAL VALUE | TEST PROCEDURE   |
|-------------------------------|-------|---------------|------------------|
| % Retained Above Maximum Size | 1 – 5 | 1.50          | BIS 1528 Part 14 |

### **THERMAL PROPERTIES**

|                                        | RANGE | TYPICAL VALUE | TEST PROCEDURE  |
|----------------------------------------|-------|---------------|-----------------|
| Pyrometric Cone Equivalent, Orton / °C | ---   | 29 / 1659     | BIS 1528 Part 1 |

**Packaging:** 50 Kg Bags      **Storage Life:** 12 Months      **Delivery State:** Dry