

Vibratables

Product Data

EZ CUBED 60

EZ CUBED 60 is a 60% alumina, mullite based, low cement castable designed for Self flow casting. It can also be pumpcast or shotcreted. This product has excellent strength, alkali and abrasion resistance.

| | |
|-------------------------------------|---|
| Maximum Service Temperature: | 1650°C |
| Typical Water Additions: | 7.2 – 7.6% |
| Bulk Density: | |
| Dried to 110°C | 2.290 – 2.390 kg/m ³ |
| Fired to 815°C | 2.275 – 2.375 kg/m ³ |
| Cold Crushing Strength: | |
| Fired to 815°C | 700 - 1100 kg/cm ² |
| Modulus of Rupture: | |
| Fired to 815°C | 150 - 220 kg/cm ² |
| Erosion Loss: | |
| Fired to 815°C | Less than 6 cc (Typical loss 4-5 cc) |
| Permanent Linear Change(%): | |
| Green to 815°C | -0.1 to -0.3 |

| | | |
|------------------------------------|-------------------------------|------|
| Conductivity or “K” Factor: | | |
| Mean Temp. | BTU/ft ² /HR/°F/in | W/mK |
| 1000°F (540°C) | 10.0 | 1.44 |
| 1500°F (815°C) | 10.0 | 1.44 |
| 2000°F (1095°C) | 10.0 | 1.44 |

Typical Chemical Analysis(%):

| | | | | | |
|--------------------------------|------------------|--------------------------------|------------------|-----|----------|
| Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | CaO | Alkalies |
| 60.2 | 34.9 | 0.84 | 1.2 | 1.5 | 0.4 |

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 01/08/13 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet