



TECHNICAL DATA CALDE™ MIX SC 84 M16

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| PRODUCT TYPE | : High alumina refractory dry mix |
| PRE Class & group...(ASTM C-401) | : Class A - Group 170 (ASTM Class G) |
| Maximum recommended temperature | : 1750°C |
| Main component | : Alumina, Magnesia |
| Type of bond | : Ceramic |
| Appearance | : Dry mixture of aggregates and powder |
| Packaging | : 25 kg sack |
| Storage | : 1 y minimum in temperate conditions |
| Installation method | : Dry vibration or ramming |
| Maximum grain size | : 0 - 4 mm |
| Material required | : 2.85 T/m³ |

| PRODUCT PROPERTIES | STANDARD | AVERAGE VALUES | UNITS |
|--|------------|----------------|-------|
| CHEMICAL ANALYSIS | | | |
| Calcined basis | | | |
| Al2O3 | EN 1402-3 | 84.0 | % |
| MgO | EN 1402-3 | 14.0 | % |
| SiO2 | EN 1402-3 | 0.2 | % |
| Fe2O3 | EN 1402-3 | 0.1 | % |
| PHYSICAL PROPERTIES | | | |
| Measured on samples prepared according to | CALD 003 | | - |
| Permanent linear change after firing at 1600 °C | EN 1402-6 | +6.6 | % |
| Thermal conductivity | | | |
| at a mean temperature of 800 °C | ASTM C 417 | 2.62 | W/m/K |
| at a mean temperature of 1200 °C | ASTM C 417 | 2.41 | W/m/K |

Commercial Code : MDD50010

Version :2

The data are current production averages. They cannot be used as limits for a specification!

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