

Redefining limits

UCAR® Refractory Systems

C38[™] Cement

This product is a two part carbonaceous heat setting cement and was developed specifically as a bonding agent for use between large carbon or graphite refractory shapes. $C38^{\text{\tiny M}}$ is a cement with improved resistance to low temperature oxidation and is recommended for prolonged joint integrity at temperatures up to 760°C (1400°F). It thermally cures to form a strong carbonaceous bond between the cemented shapes. This cement requires two ingredients for its preparation – a powder and a liquid. Detailed instructions and precautions for using $C38^{\text{\tiny M}}$ Cement are available from GrafTech's representatives or by contacting the address below.

| C38™ KEY PROPERTIES | Typical Average |
|----------------------------------|--------------------|
| Thermal Conductivity (W/mK) (WG) | 5 |
| Bulk Density (g/cm³) | 1.60 |
| 850°C Joint Strength (MPa) | 10.3 |

Properties listed are typical and cannot be used as accept/reject specifications.



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