

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[™] 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[™] 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/cm ³)	1.60
850°C Joint Strength (MPa)	10.3

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