

Geocel® FIRE BLOCK SEAL

NEW GENERATION FIRE CEMENT – WITHSTANDS TEMPERATURES UP TO 1500°C

Geocel® Fire Block Seal is a ready mixed and ready to use new generation fire cement that will withstand temperatures up to 1500°C. Specifically designed for permanently repairing and sealing joints, cracks and fissures in firebricks, fireplaces, solid fuel ovens, ranges, boilers, internal flue pipes, central heating systems and other surfaces where heat resistance is required.

- Good adhesion to metal, brick and concrete
- One part component product
- Heat resistant to 1500°C
- Can be over painted
- No primers required
- Easy to use
- Multi purpose

SPECIFICATIONS

Manufactured under ISO 9001



TECHNICAL DATA

Form	Air free smooth paste
Storage Life	24 months in original containers stored between 5°C and 23°C. Keep away from frost
Colour	Grey
Service Temperature	Up to 1500°C
Slump	Nil
Staining	None
Shrinkage	Approx 21%
UV Resistance	Excellent
Skin Time	10 minutes at 23°C and 50% relative humidity
Cure Time	5mm per 24 hours at 23°C and 50% relative humidity for an exposed bead
Hardness	90 Shore A
Movement Accommodation Factor	±3%

Specification writers: These values are not intended for use in preparing specifications. Please contact your local **Geocel® Sales Representative** prior to writing specifications on this product.

SURFACE PREPARATION

Ensure that all surfaces are clean, sound and free from grease. Clean all joints of loose dust, dirt, laitance, old sealants and other contaminants, which could impair adhesion. Metal surfaces should be cleaned and degreased by wiping with a solvent (e.g. methylated spirits) impregnated, oil and lint free cloth. On brick and concrete, lightly dampen the surface with water prior to application.

NOTE: When using solvent always ensure adequate ventilation. Avoid heat, sparks and open flames. Observe and follow all precautions listed on solvent container label.

PRIMING

When used in conjunction with most common construction substrates, a primer is not required.

FINISHING

The joint should be “tooled” within five minutes of application to ensure good contact between the sealant and the substrate. Smooth surface lightly with a damp cloth after application. Tooling of the sealant also gives a smooth, professional finish.

CLEANING

Uncured material can be removed by wiping with a dampened cloth. Cured material can be carefully removed by abrasion or other mechanical means.

PACKAGING

Geocel® Fire Block Seal is available in 310ml cartridges packed in boxes of 12.

HEALTH AND SAFETY

Health and Safety data sheets available on request.

TECHNICAL SERVICE

For further technical information, advice on suitability for specific applications, or detailed Health and Safety information, contact **Geocel® Technical Service**.

IMPORTANT NOTE Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations regarding the use of such products are made without guarantee since the conditions of use are beyond the company's control. It is the customer's responsibility to satisfy themselves that each product is fit for the purpose for which they intend to use it

Geocel®

Geocel Limited

Western Wood Way, Langage Science Park, Plympton, Plymouth, Devon, PL7 5BG

Tel: 01752 334350 Fax: 01752 202065 Email: info@geocel.co.uk

www.geocel.co.uk