

TECHNICAL DATA

Geocel® Trade Mate Plumber Flue

High Temperature Silicone Sealant



Geocel® Trade Mate Plumber Flue is a one component high temperature acetoxysilicone sealant suitable for sealing and bonding applications exposed to high temperatures, such as sealing gas flues, Aga range cookers and ovens.

- High Strength
- One part silicone sealant
- Withstands temperatures up to 300°C short term
- Withstands temperatures up to 250°C long term
- Non slump
- Good elasticity when cured
- Solvent free

TECHNICAL DATA

Cure System	Acetoxysilicone
Storage Life	When stored in cool, dry conditions below 30°C, this product has a usable life of 27 months from date of manufacture in the original unopened 310ml cartridges.
Colour	Red, Black
Service Temperature	-40°C to 250°C long term -40°C to 300°C short term
Specific Gravity	1.03
Skin Time	15 minutes at 23°C and 50% relative humidity
Cure Time	3mm per 24 hours at 23°C and 50% relative humidity
Tensile Strength	2.3 MPa
Hardness	26 Shore A
Movement Accommodation Factor	±20%

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 the surfaces to be sealed are clean, dry, sound and free from frost. Clean all joints of release agents, water repellents, dust, dirt, old sealants and other contaminants, which could impair adhesion. Surfaces should be cleaned and degreased by wiping with a suitable solvent, (e.g. **Dow Corning® R40 Universal Cleaner** or an alcohol based solvent) using a clean lint free cloth.

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

MASKING

Areas adjacent to the joints should be masked to prevent contamination of the substrates and to ensure a neat sealant line. Masking tape should be removed immediately after tooling.

PRIMING

For specific advice on priming please contact **Geocel® Technical Service**.

APPLICATION

The sealant is ready to use. The nozzle opening should always be fractionally wider than the joint to be sealed, allowing sealant to make contact with both surfaces.

FINISHING

Tooling of the sealant should be carried out within five minutes of application to ensure optimum contact has been made between the sealant and the substrate, leaving a smooth and professional finish.

CLEANING

Excess sealant may be cleaned off tools and non porous surfaces whilst in an uncured state using **Dow Corning® Universal Wipes** or **Dow Corning® R40 Universal Cleaner**. Care should be taken not to damage plastic or coated surfaces. Alternatively, cured sealant may be removed from non porous surfaces using **Dow Corning® Silicone Sealant Remover**.

PACKAGING

Geocel® Trade Mate Plumber Flue is available in 310ml cartridges packed in boxes of 12.

LIMITATIONS

Geocel® Trade Mate Plumber Flue should not be used on surfaces that bleed oils, plasticisers, or solvents. It should be ensured that the sealant is compatible with the substrates to which it is being applied.

Geocel® Trade Mate Plumber Flue is not recommended for bonding to substrates where the acetic acid released during cure could react with the surface which it is in contact (e.g. concrete, cement, mortar and certain metals including zinc, lead, brass or copper alloys).

Geocel® Trade Mate Plumber Flue is not recommended for use on continuously submerged joints or for structural bonding applications.

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: The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Geocel's products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Geocel's sole warranty is that the product will meet the Geocel sales specifications in effect at the time of shipment.

Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Geocel specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability.

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