

TexCrete Lite Datasheet

February 2026

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A thixotropic, quick setting, light weight, enhanced fibre cement blend, to be mixed with a solution of FlexBond, a liquid additive, for the saturation and impregnation of CemForce, forming a lightweight, reinforced product panel, about 3 - 5mm in thickness.

Technical Data

Type	A thixotropic, quick setting, enhanced fibre-cement blend
Colour	Bone
Pot life	45 minutes
Working time after mixing	30 minutes
Demoulding time	± 24 hours depending on relative humidity
Abrasive resistance	Excellent, once fully cured
Mixing water temperature	15°C to 25°C
Application temperature (ambient)	6°C to 25°C
Substrate temperature	6°C to 25°C
Min application thickness	3mm. Reinforcement (e.g. CemForce or fibre mesh) required for panels; not required for small castings
Max application thickness	For reinforced applications: build up in 3-5mm layers at 30 minute intervals. No layering required for small non-reinforced castings
Protection during application	Wind and sun barriers (no direct contact with material)

Purpose

For the moulding of small and large lightweight intricate castings where fine surface definition is required.

Benefits

- Ideal for castings where definition is required
- Rapid setting
- Gains early strength
- Easy to seal or colour
- Lightweight

Limitations

Will not stick to plastic, rubber or gypsum plaster. Do not use if freezing conditions are expected within 12 hours.

Applications

TexCrete Lite should be reinforced with CemForce or Glass Fibre Mesh when cast into latex or silicone moulds to create durable panels and decorative items, typically in 3-5mm layers. For larger panels requiring more build-up, apply multiple layers of **TexCrete Lite** and reinforcement at 30 minute intervals to achieve the desired thickness. For small items such as ornaments, pots, or light fittings, reinforcement and layering are not necessary; the product can be cast directly into moulds. Consult with Cemcrete technical consultant for more information.

Colours

TexCrete Lite is available in a standard Bone colour and can be enhanced and pigmented using ColourCem (up to 5% by weight) while still in powder form, or CreteStain once cured. See the ColourCem and CreteStain brochures for respective colour ranges.

Cemcrete provides a comprehensive technical service based on over 4 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

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Site Work

Storage

Keep bags off the floor on slats in a dry cool place away from direct sunlight. Expected shelf life under dry conditions is 6 months after date of invoice.

Weather

Do not use if freezing conditions are expected within 24 hours.

Surface preparation

Mould surfaces should be clean and if necessary lightly oiled.

Mixing

Dilute one volume FlexBond with five volumes clean water and use this solution to mix **TexCrete Lite** to the required consistency. You may need to add a little more water.

Application

The bigger the article to be moulded the more reinforcing required. Although **TexCrete Lite** is heavily fibre-infused, these fibres are not for strength of article but rather for surface cracking and crazing.

Apply a thick layer directly onto mould surface, immediately bed a layer of CemForce or glass fibre mesh, dab into **TexCrete Lite**, apply further layers within 30 minutes of previous layer. Number of layers of membrane would depend on thickness and strength required. Allow to harden sufficiently before attempting to demould. Time depends entirely on mixing and temperature. Allow to harden sufficiently before attempting to de-mould.

Time depends entirely on mixing and temperature, but would typically be approximately 24 hours. **TexCrete Lite** can also be applied onto a layer of CemForce to create positive work, instead of casting into moulds.

Curing

While **TexCrete Lite** attains very high early set for de-moulding, overall strength is only achieved by curing by wetting with clean water. First allow work to completely dry out before immersing or wetting down with water. The longer the wetting is carried out the better the strengths achieved.

Sealing

Surfaces can be sealed using Cemcrete's MultiPurpose Solvent-Based Sealer or MultiPurpose Water-Based Sealer in accordance with its datasheet; suitable for interior and exterior use. Surface can also be treated by sealing with a dilution of one volume raw linseed oil and two volumes turpentine. When dry, the surface can be polished using a good quality proprietary floor polish. This sealing method is suitable only for articles that will be kept indoors.

Coverage

10kg of **TexCrete Lite** covers approximately 1,5m² when applied at 5mm thick.

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Safety

The use of protective clothing, goggles and dust masks is recommended even though **TexCrete Lite** is non-toxic.

- Skin contact: Wash thoroughly with soap and water
- Eye contact: Flush immediately with water for 10 - 15 minutes and contact a physician
- Respiratory problems: Remove affected person to fresh air immediately and contact a physician
- Not for internal consumption

Packaging

Available in 10kg (packaged in a 20kg paper bag). Made to order. Minimum order quantity of 10 x 10kg bags.

Manufacturer's Warranty

Cemcrete warrants that the products manufactured by it shall be free from material defects and will be consistent with its normal high quality. Should any of the products be proven defective, the liability to Cemcrete shall be limited to replacement of the product ex-factory. Cemcrete makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. The user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith.

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