

TexCrete Datasheet

February 2026

Page 3 of 3

A thixotropic, quick setting, enhanced fibre cement blend. Mixed with a solution of FlexBond for the saturation and impregnation of CemForce to form a reinforced product that can be cast into latex or silicone moulds. Produces panel castings of about 3 - 5mm in thickness and small solid mould castings.

Technical Data

Type	A thixotropic, quick setting, enhanced fibre cement blend
Colour	See website: www.cemcrete.co.za
Pot life	45 minutes
Working time after mixing	30 minutes
Demoulding time	± 12 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
Density	1.5kg / litre
Protection during application	Wind and sun barriers (no direct contact with material)

Purpose

For the moulding of lightweight small and large 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

Limitations

Will not stick to plastic, rubber or gypsum plaster. The temperature of the FlexBond / water mixing liquid will have an effect on setting time.

Uses

Lightweight rock panels, garden pots, table tops, door and ceiling inlays, furniture details, ornaments and other decorative or functional castings. Panels can also be pre-made and installed on-site for rock features and architectural elements.

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.

TexCrete Datasheet

February 2026

Page 2 of 3

Applications

TexCrete should be reinforced with CemForce or 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** 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 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 brochure for respective colour ranges.

Site Work

Storage

Can be stored in a dry cool shed away from direct sunlight and off the floor on wooden slats for 6 months after date of invoice.

Weather

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

Surface preparation

Mould surfaces should be clean. Depending on the mould material, the surface can, if necessary, be lightly oiled or damped down with clean water.

Mixing

Dilute one volume FlexBond with five volumes clean water and use this solution to mix **TexCrete** to the required consistency.

NOTE: The temperature of the FlexBond / water mixing liquid will have an impact on setting time. If the mixing liquid is too warm, **TexCrete** could flash set. Care should be taken when **TexCrete** is applied by spray or pump.

Application

The bigger the article to be moulded, the more reinforcing required. Although **TexCrete** is heavily fibred, these fibres are not for strength of article but rather to prevent surface cracking or crazing.

Can be applied by brush or low-pressure spray. Apply a thick layer directly onto mould surface. Immediately embed a layer of CemForce or Glass Fibre Mesh into the **TexCrete** layer. 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 de-mould. Time depends entirely on mixing and temperature, but would typically be approximately 12 hours. **TexCrete** can also be applied onto a layer of CemForce to create positive work, instead of casting into moulds.

Curing

While **TexCrete** 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 this second wetting is carried out, the better the strengths achieved.

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.

Johannesburg Head Office

8 Telford Street
Industria
011 474 2415

Johannesburg Showroom

227 Jan Smuts Avenue
Parktown North
011 447 3149

Centurion Showroom & Warehouse

15 Coachmen's Park
26 Jakaranda Street, Centurion
012 653 6808

Cape Town Showroom & Warehouse

Eagle Park, cnr Bosmansdam &
Omuramba Roads, Montague Gardens
021 555 1034

TexCrete Datasheet

February 2026

Page 3 of 3

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.

Safety

The use of protective clothing, goggles and dust masks is recommended even though **TexCrete** 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

Coverage

20kg of **TexCrete** will cover approximately 1.95m² when applied 5mm thick.

Packaging

TexCrete	20kg bags. Made to order. Minimum order quantity of 10 x 20kg bags.
FlexBond	1, 5 and 20 litre drums
CemForce	1m width with any length
Glass Fibre Mesh	1m widths up to 50m lengths

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.

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.

Johannesburg Head Office

8 Telford Street
Industria
011 474 2415

Johannesburg Showroom

227 Jan Smuts Avenue
Parktown North
011 447 3149

Centurion Showroom & Warehouse

15 Coachmen's Park
26 Jakaranda Street, Centurion
012 653 6808

Cape Town Showroom & Warehouse

Eagle Park, cnr Bosmansdam &
Omuramba Roads, Montague Gardens
021 555 1034