

TexCrete Lite Datasheet

August 2015

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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 reinforced product of about 4-8 mm in thickness.

Purpose

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

Types

One type only.

Applications

Rock features, pots, ponds, ornaments, small castings, etc.

Colours

Available in Bone.

Limitations

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

Site Work

Storage

Keep bags off the floor on slats in a dry place. Expected shelf life under dry conditions is 6 months.

Weather

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

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 fibred, 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 de-mould. 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.

Cemcrete provides a comprehensive technical service based on over 3 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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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.

Finishing

There are a variety of ways to finish completed castings. Leave as is or most appealing, is by staining with Cemcrete's CreteStain, available in various colours. A CreteStain datasheet is available on request.

Sealing

Final surface can 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 CreteCare Polish or Mop & Shine. This sealing method is suitable only for articles that will be kept indoors. Surfaces can also be sealed using Cemcrete's Colour Hardener Sealer in accordance with its data sheet. These articles would be suitable for outdoor use.

Coverage

20kg **Texcrete Lite** covers approximately 5m² @ 5mm thick with two layers of CemForce with approx 9-10L of solution.

1,5 litre Flexbond concentrate per 20kg sack **TexCrete Lite** (mix 1l concentrate - 5 water and use this solution for mixing **TexCrete Lite** instead of water)

Packaging

Packed in 20kg non-returnable paper sacks.

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