

TECHNICAL DATA SHEET

Tough-Cote High Build Textured Final Finish Paint (EM18)

Description	A water based, extremely durable, decorative exterior textured masonry coating.	
Finish	Matt Textured.	
Features	<ul style="list-style-type: none">• For external use on virtually all common building substrates and portable buildings.• Contains crushed marble aggregate, which provides exceptional durability in even extreme weather conditions.• High UV resistance for long lasting colour.• Self coloured – conceals chips and slight damage.• Texture hides surface defects and deters vandals.• Flexible film resists cracking – reduces maintenance costs.• Fast drying – areas can normally be back in use within 24 hours.• Contains a fungicide/algicide to maintain good appearance.• Can be built up in layers and will provide a through-colour finish.	
Complies With	- 2004/42/EC (2012) sub-category A(c) - VOC level below 40 g/l. - see also Test Data below.	
Product Code	EM18.	
Volume Solids	Please consult Glixtone.	
VOC's	below 40 g/l.	
Colour Range	White and Magnolia. If another colour is required, Tough-Cote can be overpainted with a suitable exterior masonry paint when fully cured. This will be between 7 and 14 days, depending on weather conditions and the time of year.	
Film Thickness & Coverage	Usage will be dependent upon the nature of the substrate, the skill of the operative and the method of application. Applied at the correct coating weight for maximum durability, a 15 kg drum of Tough-Cote should cover: Smooth surfaces (e.g. plasterboard) – up to 10 m ² Render/Fair-Faced Concrete – up to 7 m ² Pebbledash, Tyrolean etc. – up to 5 m ² .	
Drying & Overcoating Times at Typical DFT	20°C Working Time*: 20 min Surface Dry: 4 h Hard Dry: 24 h Overcoat Min: 24 h (with itself; 7 – 14 days with other topcoat) Overcoat Max: Indefinite	

* **Working Time:** Tough-Cote has a relatively low working time of 20 minutes, before skinning occurs to provide shower protection. Ensure all application and laying-off for a particular area is completed within this time.

Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide for well ventilated areas.

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Surface Preparation

- Completely remove all traces of loose, flaking, soft and friable paint back to a clean, dry firm surface.
- Brush down with a stiff fibre brush (not a wire brush) to remove all loose material.
- Make good any defective surfaces and leaking rainwater goods.
- **If there is mould or other organic growth**, remove by scraping or brushing with a stiff fibre brush (not a wire brush). Sterilise the affected areas by applying a liberal application of Glixtone Sterilising Solution and allow to dry for 24 hours (consult Technical Data Sheet for Glixtone Sterilising Solution before use).
- **External absorbent surfaces:** seal with Glixtone Sealer (SF1), diluted – 1 part SF1 to 3 parts water by volume (consult Technical Data Sheet for Glixtone Sealer SF1 before use).
- **External fletton bricks:** apply a suitable render coat – contact Glixtone for advice.
- **Plywood or wooden boards:** seal any knots with a proprietary knot sealer.

Mixing

In cold conditions it may be necessary to 'loosen' the material by stirring/mixing, as the product can thicken considerably at lower temperatures. The action of stirring or mixing will generate heat and reduce viscosity, allowing a lower thickness to be applied.

Mix Ratio

Not applicable – single pack product.

Application Conditions

Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3°C above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. Do not apply the product when the ambient temperature is likely to fall below 5°C or rise above 28°C. The paint temperature at the time of application should ideally be 15° - 20°C.

Application Details

- Do not apply below – or bridge – the DPC.
- Thinning: Tough-Cote can be thinned up to 5% max with water, if a 'looser' consistency is required.
- Window reveals and similar areas can be finished with a brush in order to give a professional, flat border finish.

Smooth Finish:

- Initially apply to the surface using a trowel, in small sections. Then use a plasterer's float to level to a smooth finish.
- Repeat above as necessary to achieve the required depth.

Textured Finish:

- Apply by trowel as above, then 'lay-off' the applied surface with an unloaded honeycomb roller to produce a 'stripe' texture. Use VERY LIGHT, even strokes, and a pattern will appear. The slower the roller speed, the higher the peaks of the texture will be. Faster roller speeds will produce lower peaks.
- Always finish on an Up stroke, in order to push the marble aggregate into a vertical position. This will ensure the texture will have a 'peaked' effect when dry. This may require a little practice.

Other types of patterning:

Different types of patterning can be achieved using other types of plasterer's tools.

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Thinner/Cleaner	Clean water.
SG	1.85 ± 0.1 kg/l.
Flash Point	Not applicable.
Shelf Life	1 year from date of manufacture when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15° - 20°C.
Health & Safety	Refer to the product's Safety Data Sheet (SDS) and safety advice on the product label before use.
Date of Issue	Sep 2022.

TESTING DATA

Surface Spread of Flame

Designated Class '0' as defined in the Building Regulations E15(l) (e).

BS476: Part 7 – Class 1 (LPC Report TE 84744).

BS 476: Part 6 - Index of Performance (I) = 3.2, Sub-index (I1) = 0.4 (LPC Report TE 84741).

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