

TECHNICAL DATA SHEET

TRADE FIBRECOAT

REVISION DATE: July 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

FIBRECOAT is a waterproofing compound with built-in fibre reinforcing that provides a strong, flexible and water-resistant intermediate coating.

PRODUCT USES

FIBRECOAT replaces the use of conventional membrane systems and is ideal for waterproofing of parapet walls, window sills, cappings and pitched roofs. Also ideal for bridging hairline cracks and overcoating plaster repairs. For use on correctly primed plaster, concrete and brick surfaces.

BENEFITS & FEATURES

- Easy to use with built in Fibre Membrane.
- Bridges hairline cracks.
- Prevents water from penetrating.
- High film build.

TECHNICAL INFORMATION

GENERIC TYPE	Acrylic emulsion
FINISH	Matt
VOLUME SOLIDS	43 ± 1%
SPECIFIC GRAVITY	1.50kg/litre (typical)
RECOMMENDED DFT	200 - 400 microns per coat. Two coats required.
RECOMMENDED DFT	500 - 1000 microns per coat. Two coats required.

SPREAD RATE

Smooth Surface	Rough Surface
1-2 m ² /ℓ	1-2 m ² /ℓ
Surface porosity, profile, application tools and technique will affect practical spread rate	

GREEN PROPERTIES

Lead Free
Zero VOC (White and factory tinted colours)
Glycol free (White and factory tinted colours)
APEO free
Formaldehyde free

FLASH POINT	Non flammable
COLOURS	White
PACK SIZE	1ℓ and 5ℓ
STORAGE	Store away from direct sunlight, heat and severely cold or damp conditions. Ensure that containers are properly sealed before storage.

APPLICATION DETAILS

PRIOR TO USE	Mix well using a flat paddle until homogeneous in colour and consistency.						
APPLICATION METHOD	Ready for use by brush application only. Apply 1st coat in one direction. Apply 2nd coat perpendicular to the 1st coat to allow fibres to form a mesh.						
THINNING	Ready for use – Do not thin						
CLEANING OF EQUIPMENT	Water						
DRYING TIME (@ 23°C & 50% RH)	<table> <tr> <td>Surface dry</td><td>1 hour</td></tr> <tr> <td>Over coating</td><td>6 hours</td></tr> <tr> <td>Fully cured</td><td>7 days</td></tr> </table>	Surface dry	1 hour	Over coating	6 hours	Fully cured	7 days
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Over coating	6 hours						
Fully cured	7 days						

Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase), whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).

APPLICATION CONDITIONS

	MIN	MAX
Surface Temp (°C)	10 °C	40°C
Ambient Temp (°C)	10 °C	40°C
Relative Humidity	10%	85%
<i>or 4°C minimum above dew point</i>		

SUBSTRATE CONDITIONS

Substrate must be clean, dry and sound for painting. **Moisture content** must be **below 14% WME**, measured using a PROTIMETER (or equally approved).

SAFETY PRECAUTIONS

Ensure good ventilation during application and curing process.
 Keep out of reach from children.
 In case of skin contact, wash with soap and water.
 In case of eye contact rinse immediately with running water and seek medical advice if eyes are irritated.
 If swallowed, do not induce vomiting and seek medical attention.
 Always wear the appropriate protective clothing during product handling and application.
 Refer to Material Safety Data Sheet on our website for more detailed safety information.

SURFACE PREPARATION

Ensure that all surfaces are dry, clean, and free of oil, grease, laitance and in accordance with above SUBSTRATE CONDITIONS.

NEW WORK

CONCRETE AND CEMENT PLASTER SURFACES

Exterior: Prime with SABRE DAMP SEALER, SABRE AR SEALER SABRE MASONRY PRIMER as supplied. Allow 12 hours to dry.

BRICKWORK - FACE, R.O.K'S AND CEMENT

Where efflorescence occurs, wash down with a weak solution of SABRE SPIRITS OF SALTS, rinse with clean water and allow to dry. Apply a primer coat of SABRE AR SEALER or SABRE DAMP SEALER (for friable surfaces; dilute up to maximum 10% with turpentine) or SABRE MASONRY PRIMER as supplied. Allow 12 hours to cure before over coating.

PREVIOUSLY PAINTED SURFACES

BAD CONDITION

High pressure water jet the entire surface. Ensure to remove all flaking and chalking paint. If algae are present, treat these areas with SABRE ANTI FUNGUS WASH in accordance with product data sheet. Apply a full coat of SABRE AR SEALER as supplied. (For friable/chalky surfaces; dilute up to maximum 10% with turpentine). Allow 12 hours to cure.

HAIRLINE CRACK REPAIRS (0.2 - <1mm)

If algae is present, treat the inside of crack with SABRE ANTI FUNGUS SOLUTION in accordance with product data sheet. Allow drying and prime the inside of crack with SABRE AR SEALER as supplied. Allow 12 hours to cure.

GOOD CONDITION

Apply SABRE DETERGENT SOLUTION or a solution of sugar soap. High pressure wash the entire surface, allow drying and apply FIBRECOAT directly.

FINAL COATS

Apply two coats SABRE FIBRECOAT by brush only. Apply the 2nd coat perpendicular to the 1st coat to allow fibres to mesh. Also ensure to create a 50mm capping down the sides of horizontal surfaces. Allow 6 hours drying time between coats.

FIBRECOAT is designed as an intermediate coat and should be over-coated with two coats of a durable exterior quality coating such as SABRESHIELD, SABRE HIGH BUILD WALLCOTE or SABRE POLY ACRYLIC.

DISCLAIMER

The technical information contained in this document are given in good faith and are meant to be used as a guideline by the specifier or user. Whilst we are confident about the quality of our products, we cannot accept any liability for the incorrect use or application of our products. Surface preparation forms an integral part of the scope of works and it is expected that the highest standards are maintained during surface preparation and application, to ensure that our products perform as intended. Always ensure to use the same product batch numbers, refrain from doing spot touch-ups and paint surfaces from corner to corner to prevent colour and sheen variance.

Please note that all our latest Product Data Sheets and Material Safety Data Sheets are available for viewing on our website at www.sabre.co.za

SABRE PAINTS (PTY) LIMITED