

TECHNICAL DATA SHEET

PREMIUM FLEXIGUARD

REVISION DATE: July 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

FLEXIGUARD is a superior quality, durable and weather resistant fine textured paint that bridges hairline cracks and hides surface imperfections.

PRODUCT USES

For use on correctly primed plaster, concrete and brick surfaces. Ideal for bridging hairline cracks and improving the aesthetic appearance of uneven plasterwork. Also ideal for creating feature walls and paint techniques.

BENEFITS & FEATURES

- Hides plaster imperfections.
- Covers hairline cracks.
- Durable and U.V. resistant.
- High build formulation for extra protection.
- 10-year quality guarantee (See terms & conditions on www.sabre.co.za)

TECHNICAL INFORMATION

GENERIC TYPE

Acrylic emulsion

FINISH

Fine texture with a low sheen

VOLUME SOLIDS

39 ± 1%

SPECIFIC GRAVITY

1.40kg/ℓ (typical)

RECOMMENDED DFT

65 - 100 microns per coat. Two coats required

RECOMMENDED WFT

165 - 200 microns per coat. Two coats required

SPREAD RATE

Smooth Surface	Rough Surface
4 - 6 m ² /ℓ	2 - 4 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, Pastel to Medium or Deep as tinted at SABRE factory only.

PACK SIZE

5ℓ and 20ℓ

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 with brush, long pile roller or airless spray possible with specialised equipment.

THINNING

Ready for use – Do not thin

CLEANING OF EQUIPMENT

Water

DRYING TIME (@ 23°C & 50% RH)

Touch dry 30 minutes

Over coating 4 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).

LIMITATIONS

Please note that the application of SABRE FLEXIGUARD requires a skilled artisan / applicator to prevent an uneven final appearance.
Do not use extension poles and take care when roller lapping to spread the texture evenly.

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, dust, laitance and in accordance with above **SUBSTRATE CONDITIONS**.

Treat imperfections by mixing a cellulose based powder filler with SABRE FILLERMIX (not water).

NEW WORK

CONCRETE AND CEMENT PLASTER SURFACES

Prime with SABRE AR SEALER 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 (for friable surfaces; dilute up to maximum 10% with turpentine) 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 is 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 15% with turpentine). 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 SABRE FLEXIGUARD directly.

ENAMEL SURFACES

The surface must be well sanded and wiped down with a clean moistened turpentine cloth. Apply a coat of SABRE PREMIUM UNIVERSAL UNDERCOAT, allowing 16 hours to cure, or SABRE G.A. ACRYLIC (water-based) allowing 4 hours to cure before over coating.

FINAL COAT

Apply two coats SABRE FLEXIGUARD allowing 4 hours drying time between coats. For surfaces with excessive hairline cracks and plaster crazing, apply two coats SABRE FIBRECOAT in accordance with product data sheet, before applying SABRE FLEXIGUARD. Alternatively, incorporate tissue membrane to cover all cracks whilst applying SABRE FLEXIGUARD.

Please note: For an eco-friendly alternative primer to SABRE AR SEALER or SABRE MASONRY PRIMER; make use of our "water-based" SABRE ENVIRO PLASTER PRIMER as supplied and allow 4 hours to dry before over coating.

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