



TECHNICAL DATA SHEET

PREMIUM SATIN NON-DRIP

REVISION DATE: July 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

SATIN NON-DRIP is a tough, durable, superior quality and highly washable non-drip water-based enamel that dries to a non-yellowing satin sheen finish. For use on interior/exterior walls, doors, trims and areas where hygiene is important.

PRODUCT USES

For use on correctly primed wood work, cement plaster, concrete, fibre cement or metal surfaces.
Suitable for interior and exterior use.
Ideal for application to doors, cupboards, toys, furniture and trims like skirting boards, frames and fascia boards.
Suitable for use in kitchens, bathrooms, areas with high humidity and areas prone to bacterial growth.
Also suitable as a hygiene coating onto walls, ceilings and trims, i.e. hospitals.
Carries Thales approval so this product is tested and ideal for use in wineries.
Recommended for high traffic areas where regular cleaning is required.

BENEFITS & FEATURES

- Extremely tough coating with excellent mar, slip-, chip- and stain resistance.
- Offers excellent roller spatter resistance and non-drip qualities.
- **Eco-friendly** with carefully selected ingredients that are at least 70% organic, zero in VOC (Volatile Organic Compound) levels, lead free, glycol -, formaldehyde - and APEO/NPEO free.
- **Silver anti-bacterial** formulation offers anti-fungal and excellent hygiene properties for hospitals and high humidity environments.
- Easy to apply, quick drying, low odour and clean-up with water.
- **Non-yellowing** unlike conventional solvent based enamels.
- Excellent UV resistance and exterior durability unlike conventional solvent based enamels.

- **Adhesion promoted** with excellent adhesion properties to bond directly onto smooth surfaces.
- **Thales approved** for safe use in wineries.
- This product carries a 10-year quality guarantee. (See terms & conditions on www.sabre.co.za)

TECHNICAL INFORMATION

GENERIC TYPE	Adhesion promoted acrylic emulsion						
FINISH	Satin sheen						
VOLUME SOLIDS	33 ± 1%						
SPECIFIC GRAVITY	1.25 kg/ℓ (typical)						
RECOMMENDED DFT	30 - 37 microns per coat. Two coats required.						
RECOMMENDED WFT	90 - 110 micron per coat. Two coats required						
SPREAD RATE	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Smooth Surface</th> <th style="width: 50%;">Rough Surface</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">9 - 11 m²/ℓ</td> <td style="text-align: center;">7 - 9 m²/ℓ</td> </tr> <tr> <td colspan="2">Surface porosity, profile, application tools and technique will affect practical spread rate</td> </tr> </tbody> </table>	Smooth Surface	Rough Surface	9 - 11 m ² /ℓ	7 - 9 m ² /ℓ	Surface porosity, profile, application tools and technique will affect practical spread rate	
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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 and any Pastel, Deep, or Ultra deep colours as tinted with the approved Sabre tinting data base and stainers.						
PACK SIZE	1ℓ, 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 a high-quality brush, short to medium pile roller or airless spray. Mohair / micro-fibre roller is best for application to doors and trims. Medium pile roller is best for application onto smooth wall surfaces.						
THINNING	Ready for use – Do not thin						
CLEANING OF EQUIPMENT	Water						
DRYING TIME (@ 23°C & 50% RH)	<table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Touch dry</td> <td style="text-align: right;">30 minutes</td> </tr> <tr> <td>Over coating</td> <td style="text-align: right;">4 hours</td> </tr> <tr> <td>Fully cured</td> <td style="text-align: right;">7 days</td> </tr> </table>	Touch dry	30 minutes	Over coating	4 hours	Fully cured	7 days
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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.

APPLICATION DETAILS

- Full impact and scratch resistance are reached after 7 days.
- Not recommended for use in steam rooms or shower cubicles or where the paint film is in constant contact with water.
- Ensure that batch-numbers are the same on all containers to ensure colour consistency.
- Spot touch-ups may be noticeable. To prevent this, paint wall surfaces from corner-to-corner.

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 and not water.

NEW WORK

CONCRETE AND CEMENT PLASTER SURFACES

Exterior: Prime with SABRE AR SEALER as supplied. Allow 12 hours to dry.

Interior: Skim the entire surface by applying a scraper coat of SABRE SKIM – INTERIOR. Allow 4 hours drying and sand accordingly with 80 grit sandpaper. Wipe down the entire surface with a damp cloth to remove all surface dust. Prime with SABRE ENVIRO PLASTER PRIMER and allow 4 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.

COMPOSITION BOARD, GYPSUM PLASTER ETC.

Prime with SABRE AR SEALER and allow 12 hours to dry. Alternatively use SABRE ENVIRO PLASTER PRIMER and allow 4 hours to cure before over coating.

FIBRE CEMENT SURFACES

Fungus to be treated with SABRE ANTI FUNGUS SOLUTION before applying a primer coat of SABRE AR SEALER as supplied. Allow 12 hours to cure before over coating.

TIMBER SURFACES

Apply one to two coats of SABRE G.A. ACRYLIC (water-based) primer to all bare wooden surfaces. Allow 4 hours to cure followed by a light sand to smooth of raised wood fibres.

NON-FERROUS METAL - GALVANISED IRON

Galvanised iron surfaces must be cleaned with SABRE GI PRE-CLEANER in accordance with product data sheet. Apply one coat SABRE AQUA ETCH PRIMER and allow 4 hours drying time before over coating.

FERROUS METAL – MILD STEEL

Remove all mill scale, surface rust, etc. by means of sandblasting, wire brush or sand paper. Wash down with SABRE DEGREASING SOLVENT or SABRE POWER PARAFFIN and prime with SABRE CHLORPRIME. Allow 12 hours drying before over coating with SABRE PREMIUM UNIVERSAL UNDERCOAT. Allow 16 hours drying time.

PREVIOUSLY PAINTED SURFACES**BAD CONDITION**

Remove all flaking and chalking paint. Ensure to high pressure water jet exterior surfaces and allow drying. If algae are present, treat these areas with SABRE ANTI FUNGUS SOLUTION 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.

GOOD CONDITION

Apply SABRE DETERGENT SOLUTION or a solution of sugar soap. High pressure wash exterior surfaces. Wash down interior surfaces. Apply SABRE SATIN NON-DRIP ACRYLIC directly.

ENAMEL SURFACES

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

FINAL COAT

Apply two coats SABRE SATIN NON-DRIP ACRYLIC allowing 4 hours drying time between coats.

Please note: For an eco-friendly alternative primer to SABRE AR SEALER; 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