

TECHNICAL DATA SHEET

PREMIUM SATIN GLOW ENAMEL

REVISION DATE: July 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

SATIN GLOW ENAMEL is a superior quality mar & scratch resistant thixotropic (non-drip) polyurethane enamel with a low sheen finish.

PRODUCT USES

For use on doors, trims, metal and suitably primed internal walls in kitchens, bathrooms, workshops and high traffic areas. Can also be used on exterior doors, trims and metal surfaces. SATIN GLOW is self-priming and can be applied directly onto interior wooden surfaces.

BENEFITS & FEATURES

- Extremely tough and hard coating.
- Steam resistant.
- Mar- and scratch resistant.
- Excellent flow and obliteration.
- Stain resistant
- Lead free
- This product carries a 10-year interior quality guarantee. (See terms & conditions on www.sabre.co.za)

TECHNICAL INFORMATION

GENERIC TYPE

Thixotropic modified polyurethane

FINISH

Satin low sheen

VOLUME SOLIDS

53 ± 1%

SPECIFIC GRAVITY

1.35kg/litre (typical)

RECOMMENDED DFT

50 - 60 microns per coat. Two coats required.

RECOMMENDED WFT

90 - 110 microns per coat. Two coats required.

Smooth Surface	Rough Surface
9 - 11 m ² /ℓ	7 - 9 m ² /ℓ

SPREAD RATE

Surface porosity, profile, application tools and technique will affect practical spread rate

100% LEAD FREE

Yes

FLASH POINT

38°C

COLOURS

White and any Pastel, Medium to Deep colour.

PACK SIZE

500 ml, 1l, 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

Do not stir this product unless phase separation has taken place, then stir the product well using a flat paddle until homogeneous in colour and consistency. Then allow the product to stand for 8 hours in order to reform its thixotropic nature.

APPLICATION METHOD

Ready for use with brush or mohair roller.

THINNING

Ready for use – No thinning required.

CLEANING OF EQUIPMENT

Mineral turpentine

DRYING TIME (@ 23°C & 50% RH)

Touch dry 4 hours

Over coating 16 hours

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 5% 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**.

Treat imperfections with an appropriate filler.

NEW WORK

Surfaces must be completely dry. Less than 5% WME moisture.

COMPOSITION BOARD, GYPSUM PLASTER ETC.

Prime with SABRE AR SEALER or SABRE ENVIRO PLASTER PRIMER as supplied. Allow 12 hours to cure before over-coating directly.

TIMBER SURFACES

Apply a primer coat of SABRE WOOD PRIMER diluted up to a maximum of 15% with SABRE MINERAL TURPENTINE to all bare wooden surfaces. Allow 16 hours to cure.

NON-FERROUS METAL - GALVANISED IRON

New galvanised iron must be cleaned with SABRE GI PRE-CLEANER. Apply a coat of SABRE AQUA ETCH PRIMER and allow 6 hours drying, followed by a coat of SABRE PREMIUM UNIVERSAL UNDERCOAT. Allow 16 hours drying time.

FERROUS METAL – MILD STEEL, ETC

Remove all millscale, surface rust, etc. by means of sandblasting, wire brush or sand paper. Prime with SABRE CHLORPRIME and allow 12 hours drying, followed by a coat of SABRE PREMIUM UNIVERSAL UNDERCOAT. Allow 16 hours drying.

Consult with our technical department as to which other SABRE primers are appropriate.

PREVIOUSLY PAINTED SURFACES

BAD CONDITION - EMULSION

Remove all flaking and chalking paint. 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 followed by a coat of SABRE PREMIUM UNIVERSAL UNDERCOAT and allow 16 hours drying.

GOOD CONDITION - EMULSION

Apply SABRE DETERGENT SOLUTION or a solution of sugar soap and wash down all surfaces. Apply a primer coat of SABRE PREMIUM UNIVERSAL UNDERCOAT. Allow 16 hours drying.

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.

FINAL COAT

Apply one to two coats SABRE SATINGLOW and allow 16 hours drying between coats.

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