



TECHNICAL DATA SHEET

PREMIUM POLY ACRYLIC

REVISION DATE: June 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

POLY ACRYLIC is a superior quality, smooth, low sheen pure acrylic coating that provides a durable and washable finish for all weather protection.

PRODUCT USES

For use on correctly primed plaster, concrete and brick surfaces. Also suitable for correctly primed gypsum plaster, various building boards and timber surfaces.

BENEFITS & FEATURES

- Easy to clean and resists dirt pick-up.
- Excellent durability and U.V. resistance.
- Good obliteration and spread ability.
- Can be tinted in any shade.
- Water based with a low odour.
- 10-year guarantee (See terms & conditions on www.sabre.co.za)

TECHNICAL INFORMATION

GENERIC TYPE

Pure acrylic

FINISH

Low sheen

VOLUME SOLIDS

39 $\pm$ 1%

SPECIFIC GRAVITY

1.30 kg/ ℓ (typical)

VISCOSITY ($\pm$ KU @ 25°C)

$\pm$ 105

RECOMMENDED DFT

36 – 43 microns per coat. Two coats required.

RECOMMENDED WFT

90 - 110 microns per coat. Two coats required.

SPREAD RATE

Smooth Surface	Rough Surface
9 – 11 m ² / ℓ	4 - 6 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 and any Pastel, Medium or 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 brush, medium pile roller or airless spray.						
THINNING	Ready for use – Do not thin						
CLEANING OF EQUIPMENT	Water						
DRYING TIME (@ 23°C & 50% RH)	<table> <tr> <td>Touch dry</td><td>30 minutes</td></tr> <tr> <td>Over coating</td><td>4 hours</td></tr> <tr> <td>Fully cured</td><td>7 days</td></tr> </table>	Touch dry	30 minutes	Over coating	4 hours	Fully cured	7 days
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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).
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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.
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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

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 FASCIAS, GUTTERS AND DOWNPIPES

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 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 followed by one coat of SABRE PREMIUM UNIVERSAL UNDERCOAT, allow 16 hours drying.

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 POLY ACRYLIC 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 POLY 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