



TECHNICAL DATA SHEET

PREMIUM HIGH BUILD WALLCOAT

REVISION DATE: July 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

HIGH BUILD WALLCOAT is a superior quality, highly durable and flexible weather resistant exterior wall coating that dries to a waterproof low sheen finish. The high build formulation provides extra protection and makes it ideal for bridging hairline cracks.

PRODUCT USES

For use on correctly primed plaster, concrete and brick surfaces. Ideal for external plastered wall surfaces where a waterproof and flexible film is needed to bridge hairline cracks.

BENEFITS & FEATURES

- Flexible and waterproof.
- Excellent durability and U.V. resistance.
- High build formulation for extra protection.
- Bridges hairline cracks.
- Low sheen finish that is easy to clean.
- Water based with a low odour.
- 10-year quality guarantee (See terms & conditions on www.sabre.co.za)

TECHNICAL INFORMATION

GENERIC TYPE

Pure Acrylic emulsion

FINISH

Low sheen

VOLUME SOLIDS

46 ± 1%

SPECIFIC GRAVITY

1.35 kg/ℓ (typical)

RECOMMENDED DFT

65 - 75µm per coat. Two coats required

RECOMMENDED WFT

140 - 165µm per coat. Two coats required

SPREAD RATE

Smooth Surface	Rough Surface
6 – 8 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 and Formaldehyde free

FLASH POINT

Non flammable

COLOURS

White, Pastel, Medium and 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 by brush and long pile / sheep skin roller. Airless spray possible with correct nozzle.

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).

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 or 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 (for friable surfaces; dilute up to maximum 15% with turpentine) or SABRE MASONRY PRIMER as supplied. Allow 12 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 or SABRE MASONRY PRIMER as supplied. Allow 12 hours to cure before over coating.

PVC AND SMOOTH SURFACES

Sand lightly to provide a key, degrease using SABRE DETERGENT SOLUTION or a solution of sugar soap. Wash down and allow to dry. Apply one coat SABRE G.A. ACRYLIC allowing 4 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

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.

GOOD CONDITION

Apply SABRE DETERGENT SOLUTION or a solution of sugar soap. High pressure wash the entire surface, allow drying and apply HIGH BUILD WALLCOTE 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 HIGH BUILD WALLCOTE 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 HIGH BUILD WALLCOTE. Alternatively, incorporate tissue membrane to cover all cracks whilst applying HIGH BUILD WALLCOTE.

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