



TECHNICAL DATA SHEET

PREMIUM ENVIRO PLASTER PRIMER

REVISION DATE: June 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

ENVIRO PLASTER PRIMER is a new generation fast drying water-based primer with excellent penetration and bonding properties to seal porous surfaces and form a barrier against alkalinity.

PRODUCT USES

To seal cement plaster, concrete, brick, gypsum plaster, gypsum board and fibre cement in preparation for top coats.

BENEFITS & FEATURES

- Formulated with advanced penetration technology for excellent bonding properties.
- **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.
- Virtually no odour compared to solvent based primers.
- Excellent alkali resistance.
- Fast drying, easy to apply and clean-up with water.

TECHNICAL INFORMATION

GENERIC TYPE

Waterborne modified acrylic blend

FINISH

Matt

VOLUME SOLIDS

39± 1%

SPECIFIC GRAVITY

1.50 kg/litre (typical)

RECOMMENDED DFT

50 - 65 microns. One coat required

RECOMMENDED WFT

125 - 165 micron. One coat required

SPREAD RATE

Smooth Surface	Rough Surface
6 – 8 m ² /ℓ	3 - 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

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 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)

Touch dry 1 hour

Over coating 4 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 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, dust, grease and laitance and in accordance with above **SUBSTRATE CONDITIONS**.

Remove all loose and flaking paint.

Chalked surfaces must be cleaned with a high-pressure water jet or wire brush. Surfaces infected with fungus must be treated with SABRE ANTI FUNGUS WASH in accordance with product data sheet.

Apply one coat of SABRE ENVIRO PLASTER PRIMER as supplied, allow 4 hours to dry. Overcoat with the desired SABRE top coat within 24 hours.

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