



PAINT WITH CONFIDENCE

TECHNICAL DATA SHEET

TRADE DAMP SEALER

REVISION DATE: November 2018
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

DAMP SEALER is a premium quality cementitious based primer that binds with existing bare cement surfaces to form a barrier against moisture and alkali.

PRODUCT USES

To be used **only** directly onto **bare cement** as a barrier against alkaline attack, water penetration and rising damp in areas where damp proof course are damaged or missing.

TECHNICAL INFORMATION

GENERIC TYPE

Thermoplastic and hydraulic binder blend

FINISH

Matt

VOLUME SOLIDS

43 ± 1%

SPECIFIC GRAVITY

1.50kg/litre (typical)

RECOMMENDED DFT

70 - 105 microns. One to two coats required, depending on severity of moisture ingress.

RECOMMENDED DFT

160 - 250 microns. One to two coats required, depending on severity of moisture ingress.

SPREAD RATE

Smooth Surface	Rough Surface
4 - 6 m ² /ℓ	3 - 5 m ² /ℓ
Surface porosity, profile, application tools and technique will affect practical spread rate	

100% LEAD FREE

Yes

FLASH POINT

38°C

COLOURS

White

PACK SIZE

1ℓ and 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

Mix well using a flat paddle until homogeneous in consistency.

APPLICATION METHOD

Ready for use with brush or roller.

THINNING

Mineral turpentine (Up to 15% maximum)

CLEANING OF EQUIPMENT

Mineral turpentine

DRYING TIME (@ 23°C & 50% RH)

Touch dry after 4 hours. Over coating 16 - 36 hours depending on moisture levels within substrate. Up to 36 hours drying at 45% moisture content.

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 45% WME**, measured using a PROTIMETER (or equally approved). Source of moisture must not be constant and needs to be rectified.

LIMITATIONS

Please note that SABRE DAMP SEALER is not a permanent solution to waterproofing problems. Ensure to rectify the source of moisture ingress before application. SABRE DAMP SEALER is only effective if applied directly onto bare cement.

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 and laitance and in accordance with above SUBSTRATE CONDITIONS.

Ensure to remove all existing paint in and around the affected area, back to bare cement.

Surfaces infected with fungus must be treated with SABRE ANTI FUNGUS SOLUTION in accordance with the relevant product data sheet.

Repair the source of moisture ingress and ensure that moisture levels are below 45% (measured using a PROTIMETER or equally approved) before commencing.

Apply one to two coats SABRE DAMPSEALER at 5m²/ℓ to all affected areas and allow a minimum of 16 hours curing @ 23°C between coats. Allow another 16 hours curing before over coating. For friable surfaces; dilute the first coat up to a maximum of 15% with SABRE MINERAL TURPENTINE.

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

