



TECHNICAL DATA SHEET

INDUSTRIAL A & A PAINT

REVISION DATE: July 2024
(Supersedes all previous publications)



PRODUCT INFORMATION

PRODUCT DESCRIPTION

A & A PAINT is a superior quality chemical, alkali and acid resistant paint to withstand harsh environmental conditions. For interior and exterior use, with a medium gloss finish.

PRODUCT USES

For use directly onto metal, plaster, concrete and brick surfaces where resistance to chemicals are needed. Ideal for use on equipment used within the agricultural industry like harvesting bins, receiving bins, crates, tables and trays.

BENEFITS & FEATURES

- Acid and alkali resistant.
- Thales approved and safe for use in wineries.
- Lead free

TECHNICAL INFORMATION

GENERIC TYPE

Chlorinated rubber

FINISH

High gloss

VOLUME SOLIDS

26 ± 1%

SPECIFIC GRAVITY

1.30kg/litre (typical)

RECOMMENDED DFT

20 - 30 microns per coat. Two coats required.

RECOMMENDED WFT

80 - 110 microns per coat. Two coats required.

SPREAD RATE

| Smooth Surface | Rough Surface |
|--|-------------------------|
| 9 - 12 m ² /ℓ | 7 - 9 m ² /ℓ |
| Surface porosity, profile, application tools and technique will affect practical spread rate | |

100% LEAD FREE

Yes

FLASH POINT

9°C

COLOURS

White, Grey Medium Shades, Black.

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 a brush. Roller and spray application not recommended.

THINNING

A & A Thinners only – Thin first coat up to a maximum of 20% for very porous surfaces.

CLEANING OF EQUIPMENT

A & A Thinners or Lacquer Thinners

DRYING TIME (@ 23°C & 50% RH)

| | |
|--------------|----------|
| Touch dry | 1 hour |
| Over coating | 12 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.
When used in wineries, **do not** apply during active winemaking procedures such as wine movement, pump overs, etc.
Ensure that the area is well ventilated during application and that no open wine vessels are in the vicinity.
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 immediate 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 PREPERATION

Ensure that all surfaces are dry, clean and free of oil, grease, rust scales and in accordance with above **SUBSTRATE CONDITIONS**.

NEW WORK

CONCRETE AND CEMENT PLASTER SURFACES

Prime with SABRE A & A PAINT reduced up to 20% with A & A THINNERS. Allow 12 hours to cure.

BRICKWORK - FACE, ROK'S AND CEMENT AND BAGGED BRICKWORK

Where efflorescence occurs, wash down with a weak solution of SPIRITS OF SALTS, rinse with clean water and allow to thoroughly dry. Prime with SABRE A & A PAINT reduced up to 20% with A & A THINNERS. Allow 12 hours to cure.

FERROUS SURFACES - MILD STEEL

Surfaces need to be prepared thoroughly. Remove all oil and grease using SABRE DEGREASING SOLVENT. Remove surface rust by wire brush and sanding. All new mild steel to be primed with SABRE CHLORPRIME prior to final coats. Allow 12 hours drying.

GALVANIZED IRON

New galvanized surfaces to be thoroughly cleaned down with SABRE G.I. PRE-CLEANER in accordance to product data sheet, to obtain a water break free surface.

Apply a primer coat of SABRE CHLORPRIME and allow 12 hours to cure.

PREVIOUSLY PAINTED SURFACES

BAD CONDITION

If algae are present, treat these areas with SABRE ANTI FUNGUS WASH in accordance with product data sheet.

Degrease with SABRE DEGREASING SOLVENT. Scrub thoroughly with abrasive pads and remove all flaking and chalking paint. Wash down with running tap water. Allow to dry.

Remove all mill scale and surface rust by means of sandblasting, wire brush or sand paper to bare shiny metal.

Apply a primer coat of SABRE A & A PAINT reduced up to 20% with SABRE A & A THINNERS. Allow 12 hours drying.

GOOD CONDITION

Sand smooth surfaces to break surface gloss. Apply SABRE DETERGENT SOLUTION or a solution of sugar soap and wash down.

FINAL COATS

Apply two coats SABRE A & A PAINT allowing 12 hours curing time between coats.

IMPORTANT: Test compatibility with existing paint, before commencing.

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