



## TECHNICAL DATA SHEET

### TRADE

## GA ACRYLIC

(Gloss Adhesion Acrylic)

REVISION DATE: June 2024

(Supersedes all previous publications)

### PRODUCT INFORMATION

#### PRODUCT DESCRIPTION

**GA ACRYLIC** is an eco-friendly superior quality adhesion promoted multi-surface primer and undercoat to grip onto smooth surfaces in preparation for top coats.

#### PRODUCT USES

For use on smooth surfaces like existing enamel, aluminium, Formica and PVC. Also ideal as a water-based primer for wood. Glossy surfaces must be sanded to a dull finish to provide suitable adhesion.

### BENEFITS & FEATURES

- Quick drying and easy to apply.
- Adhesion promoted with excellent adhesion properties.
- Good obliteration and spread-ability.
- Excellent alternative to solvent based wood primers for application onto soft woods.
- Water based with a low odour.

### TECHNICAL INFORMATION

#### GENERIC TYPE

Adhesion promoted pure acrylic

#### FINISH

Matt

#### VOLUME SOLIDS

38 ± 1%

#### SPECIFIC GRAVITY

1.40 (typical)

#### RECOMMENDED DFT

30-40µm per coat. Two coats required.

#### RECOMMENDED WFT

80-110 µm per coat. Two coats required

#### SPREAD RATE

| Smooth Surface                                                                               | Rough Surface           |
|----------------------------------------------------------------------------------------------|-------------------------|
| 9 - 12 m <sup>2</sup> /ℓ                                                                     | 4 - 6 m <sup>2</sup> /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 Pastel colours

#### 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, long pile or sponge stipple roller. Airless spray possible with specialised equipment. Refer to application methods below.

### 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, laitance and in accordance with above

### **SUBSTRATE CONDITIONS.**

Treat imperfections with an appropriate filler.

### **NEW WORK**

#### **SMOOTH SURFACES** (PVC, Aluminium, etc.)

If the surface allows for sanding then sand lightly with 100 grit sand paper to provide a key. Alternatively scour the surface with a scotch-brite pad. Degrease the entire surface with SABRE DETERGENT SOLUTION and wash down with clean tap water and allow for drying. Prime the surface using SABRE G.A. ACRYLIC and allow 4 hours drying before applying the desired SABRE finish coat.

#### **TIMBER SURFACES**

Sand accordingly and apply a primer coat of SABRE G.A. ACRYLIC and allow 4 hours drying before applying the desired SABRE finish coat.

### **PREVIOUSLY PAINTED SURFACES**

#### **ALKYD ENAMEL SURFACES**

Remove all flaking and chalking paint. If algae are present, treat these areas with SABRE ANTI FUNGUS SOLUTION in accordance with product data sheet. Sand the entire surface with 100 grit sand paper to break the surface gloss. Wash the surface down with SABRE DETERGENT SOLUTION or a solution of sugar soap before applying a primer coat of SABRE G.A. ACRYLIC. Allow 4 hours drying before applying the desired SABRE finish coat.

When sanding is not possible then apply a solution of CAUSTIC SODA to the area and allow to react. Wash down and check the surface. If a suitable key is not achieved then re-apply.

---

## 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](http://www.sabre.co.za)

**SABRE PAINTS (PTY) LIMITED**