



# Technical Data Sheet (TDS)

## Product: GURTEX<sup>®</sup> SG-168

**WATER-BASED WATERPROOF, HEATPROOF, ANTI-CORROSIVE LATEX MEMBRANE (EXTERIOR, WHITE)**

<b>Chemical Description</b>	: Single component water-based, waterproof and anti-corrosive latex coating.
Supplier	: ASA New World Trading Pte. Ltd
Address	: 65A Jalan Tenteram, #05-14. Singapore 328958
Tel	: +65 62540798
Fax	: +65 62546119

### **A) Description:**

Single component white water-based emulsion compound of polymer, natural latex, silane copolymerization and UV reflective materials. Waterproofs and reduces corrosion and UV radiation on metal structures and other roofing materials. Proper application of SG-168 can protect and extend metal structures durability by 5 to 10 years. Application of SG-168 can result in more than 10° Celsius decrease of structure interior temperature. It is an energy saver and a heat insulating waterproofing paint.

### **B) Product Characteristics:**

- a) Designed to waterproof and reduce UV radiation on residential, commercial and industrial exterior structures.
- b) A water-based substance formed by Acrylic Polymer Emulsion, Radiation Protection Material, Titanium Dioxide, Calcium Carbonate and Defoamer.
- c) UV reflection results in cooler surface temperatures. Lower temperatures reduce age damage and extend lifespan.
- d) Extremely durable, easy to use and quick to apply,
- e) Eco-friendly, water-based, non-toxic and odorless, with no environmental contamination,
- f) Low maintenance. Won't bubble or peel.
- g) Good elasticity and strong adhesion on substrates smooth over underlying physical deformation and weather damage. Bridges cracks, good filling capability.
- h) Self-cleaning.
- i) Excellent durability under harsh acidic or salty environments.

### C) Application:

SG-168 can be applied onto a wide variety of building materials for example metal structures, galvanized materials, roof tiles, exterior chemicals and petroleum storage tanks and pipelines as waterproofing, anti-corrosion and heat insulating purposes.

### D) Application Procedure:

#### Recommended

1. Apply a single undercoat of **SG-368** (brush or roller) and allow it to dry for 4 hours before applying SG-168.
2. Spray paint the 2<sup>nd</sup> and 3<sup>rd</sup> coat of **SG-168** simultaneously. Apply slow, smooth, continuous crisscross overlapping spray strokes onto the substrates, hold the spray nozzle about 0.4 to 0.6m away from the application surface.

#### Preparation

1. Make sure all structures and surface beneath the substrates are sound and stable.
2. It is important to remove all dust, dirt, loose debris or oil stains from the substrate.
3. Apply always on a dry surface.
4. Stir all products with a stirrer for minimum of 5 minutes

#### Application

1. Layer Thickness: minimum 0.5kg to maximum 1.5kg per m<sup>2</sup>.
2. SG-168 can be applied directly on substrate. Use a minimum of 3 coats for best results.
3. Apply the 1st coat with brush or roller and let dry for 4 hours before applying 2nd and 3rd coat.
4. Always apply 2 to 3 coats of SG-168 to achieve the best waterproofing and UV radiation reduction results. Do not apply too thick – this will create cracks on the surfaces
5. Repair work (respray) can be applied directly on areas that is not properly covered by the first application, simply remove any dust or debris on the surface of the problem area and spray over.
6. Seal container lid airtight after use, store left over container in cool place, away from direct sunlight.
7. Clean tools and equipment with Solvent, Kerosene, Diesel or Petroleum, rinse with clean water before storing these tools or equipment.

### E) Technical Parameters:

- |                          |   |
|--------------------------|---|
| 1. Solid content         | : ≤40                                       |
| 2. Surface drying        | : ≤30min at 25°C                            |
| 3. Full drying           | : ≤48h at 25°C                              |
| 4. Recommended thickness | : 0.5 – 1.5kg/m <sup>2</sup> (2 to 3 coats) |
| 5. Packaging             | : 20kg                                      |



**F) Caution:**

1. Keep product in a cool and dry place.
2. Storage temperature 0°C - 40°C.

Created for Gurtex® SG series of waterproofing, anti-corrosion and heat insulating polymer materials.

**ASA New World Trading Pte Ltd. ©**

For more information contact:

[sales@africa-and-asia.com](mailto:sales@africa-and-asia.com)

[sales@gurtexwaterproofing.com](mailto:sales@gurtexwaterproofing.com)

Offices: Singapore, Indonesia, South Africa