

ECO ROOFSEAL PURE ACRYLATE UV BARRIER

PRODUCT DESCRIPTION

GAST Eco Roofseal pure Acrylate UV Barrier is a high quality, versatile emulsion based coating that is highly UV resistant, with excellent adhesion properties to handle expansion, contraction and retain flexibility.

INTENDED USES

- Primarily used as the UV Barrier for the Eco Roofseal waterproofing system, a topcoat over the saturated membranes. (KG40 – 3year maintenance; KG50 – 5year maintenance; KG64 – 10year maintenance free).
- For use in SABS 021 compliant applications.
- New or previously painted, correctly prepared cement tiles & slabs, galvanised iron roofs & gutters, sheet metal, cladding, window sills, fascia boards and paving surfaces.

FEATURES AND BENEFITS

- Exceeds AWI, SABS and SANS performance criteria.
- Track record exceeding 38 years.
- Good UV resistance.
- Water based polymer. Flexible and durable once cured.
- Good abrasion and puncture resistance makes it ideal for light pedestrian traffic. In the case of vehicular traffic, the necessary protection of the coating will be required.
- Easy to apply.
- 100% lead free and can be factory tinted to specific colour requirements.

PRODUCT INFORMATION

Appearance: Low Sheen.

Colours: Standard colours as per colour swatch.

Solids: $\pm 46\%$ by mass and 39% by volume.

Density: $\pm 1,25\text{kg/l}$.

Recommended Dry Film Thickness: 2 coats x $45\mu\text{m}$ per coat = $90\mu\text{m}$.

Spreading rate: 4 - 6 m^2/l per coat depending on the type of surface to be painted (profile, texture and porosity). E.g. Cement tile roofs 3-4 m^2/l per coat & Galvanised Roofs 5-6 m^2/l per coat.

Viscosity at 23°C : $\pm 90\text{K}\mu$.

Life expectancy: 10 Years, Roofs only.

Flash point: Non-flammable.

Respecting the environment: 100% Eco Friendly and Lead Free. Dispose of excess product and containers in a responsible manner without harming the environment.

STORAGE

- Keep containers properly sealed.
- Store away from direct heat, sun and severe cold.



SURFACE PREPARATION

Surfaces must be sound, clean and dry (moisture level below 5% for cementitious surfaces) before application. Surfaces should be SABS/SANS compliant - no contaminants.

WHEN USED AS A ROOF COATING:

New Galvanised Sheeting: Remove fabricators' pre-treatment / releasing oil, oxidation or any other contamination with GAST General Purpose Cleaner that can be diluted 1:10 with clean water depending on levels of contamination. Rinse with clean water. (Make use of an abrasive pad). Ensure that a water break-free surface is obtained. Rinse well and allow to dry before applying 1 coat GAST PR71 Metal Primer.

New Chromadek Sheeting: Wash down with GAST General Purpose Cleaner that can be diluted 1:10 with clean water depending on levels of contamination and then rinse with clean water. (Make use of an abrasive pad). Ensure that oxidation from powder coating is removed and rinse well with clean water and allow to dry. Apply 1 coat GAST PR71 Metal Primer.

Weathered Galvanised Sheeting: Loose rust and oxidation must be mechanically removed. Wash down with GAST General Purpose Cleaner that can be diluted 1:10 with clean water depending on levels of contamination and then rinse with clean water. (Make use of an abrasive pad). Apply 2 coats GAST PR71 Metal Primer.

Cement Roof tiles: Use GAST Biocide 101 to remove all traces of any micro-spores or fungal contamination before painting. High-pressure water wash the surface or alternatively scrub or wire brush with a solution of industrial grade Ammonia (25%) and rinse with clean running water to remove all traces. Allow to dry to acceptable surface moisture content of 5%. Apply 1 coat GP Concrete Primer.

MIXING

Stir well before use with a flat paddle to a homogenous consistency. Stir occasionally during use.

METHOD

Soft broom, block brush, roller or airless spray gun.

THINNING

Not recommended.

CLEANING OF APPLICATION EQUIPMENT

- Warm tap water and some detergent.
- Remove as much of the product as possible from the application equipment before cleaning with water.

APPLICATION

Surface Temperature - Min: 10°C or +2°C above dew point. Max: 35°C (If a surface is too hot to touch, it's too hot to be painted).

Ambient Temperature - Min: 15°C.

Relative Humidity - Max: 80%.

Touch dry - 30 to 45min.

Overcoating - 4h at 23°C Requirements: 2 coats minimum.

Full cure - 3 days at 23°C. (note: curing times are temperature and RH dependant).

The information, and, in particular, the recommendations relating to the application and end-use of GAST products, are given in good faith based on GAST's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the Product Technical Data Sheet for the product concerned, copies of which will be supplied on request or accessed on our web page www.gast.co.za

