

# PRODUCT DATA SHEET

Reviewed 01/02/2016



YOU CAN'T BUY A BETTER PAINT FOR LESS!™



## Premium Satin Roof Acrylic

- SECTION A: DESCRIPTION**  
An emulsion based roof coating with excellent adhesion to galvanized steel, asbestos cement and cement roof tiles. Application by brush or roller, or airless spray. Product offers excellent U.V. and weather resistance. Contains "UV SHIELD" a high quality UV and moisture resistant additive with excellent durability for the South African climate and contains "FUNGAL SHIELD" advanced anti-fungal benefits with superior mould & alkali resistance benefits with superior mould & alkali resistance. Formulated to meet the specification of S.A.N. 940:2005.
- SECTION B: COMPOSITION**  
Co-polymer emulsion with lightfast pigments.
- SECTION C: PHYSICAL PROPERTIES**
- |                     |                    |
|---------------------|--------------------|
| Colour:             | Colour Card        |
| Appearance:         | Sheen              |
| Gloss:              | 15 - 25% @ 85°     |
| Viscosity:          | 95 - 105 Ku @ 25°C |
| S.G.:               | 1.19 - 1.24        |
| Mass Solids:        | 40 - 45%           |
| Volume Solids:      | 28 - 33%           |
| Shelf Life:         | 12 Months          |
| Storage Conditions: | Normal             |
| Pack Size:          | 5l, 20l            |
- SECTION D: PROCESS DETAILS**  
The calculation used in estimating the roof area is as follows: Floor area x 33.33% for the pitch of the roof. Plus another 33.33% for the corrugations in the steel or the tiles. Divide this surface area by the spread ratio and multiply by No. of coats to give approximate litres required.  
The roof must be abraded with 100 grit sandpaper or wire brushed thoroughly to remove all loose and flaking paint this is vital to provide a key for the new coating to adhere to.  
If paint is applied using airless spray equipment a minimum of three coats (or 300microns)
- DO NOT PAINT:** - In early morning due to dew or frost. - Late in the afternoon as there will not be sufficient time for the paint to cure before dew. - Midday or when the roof is over 40°C - During rain, extreme cold or foggy weather.
- All surfaces must be thoroughly clean, dry, free from grease, dirt or old flaking paint.  
Remove any fungus or algae with Excelsior FUNGICIDAL WASH and rinse thoroughly with clean water.  
NB: Repair holes, cracks, leaks and defective flashing with Rainstop Acrylic Waterproofing.
- GALVANISED ROOF (Corrugated, IBR)**  
**A. PREVIOUSLY UNPAINTED (Rust-Free).**  
- Clean with Excelsior GALVANISED IRON CLEANER to achieve a water break free surface.  
Prime with Excelsior AQUA METALPRIME.
- B. PREVIOUSLY PAINTED.**  
- Clean with high-pressure water jet to remove all loose paint, chalk and dirt. alternatively use wire brushing, scrapping, sanding, etc. and then scrub with a hard bristle brush and water.  
- Clean with Excelsior GALVANISED IRON CLEANER to achieve a water break-free surface.  
- Areas showing red rust must be abraded back to bright metal and then the whole surface primed with Excelsior AQUA METALPRIME.
- GRANULAR TILES (stone chips, sand), ASBESTOS / FIBRE CEMENT (profiled sheets, smooth tiles), SMOOTH TILES.**  
**A. PREVIOUSLY UNPAINTED.**



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## Premium Satin Roof Acrylic.../continued

- Remove dust, dirt, loose granules, friable and powdery material with a high-pressure water jet or by scrubbing with a hard bristle brush and water.
  - Allow surfaces to dry.
- B. PREVIOUSLY PAINTED (painted substrates in good condition).
- Remove dust, dirt, loose granules, all loose paint, friable and powdery material with a high-pressure water jet or by scrubbing with a hard bristle brush and water.
- C. PREVIOUSLY PAINTED (Painted substrates in poor condition).
- Strip completely
  - Consult Mylaw Technical Services before proceeding.

SPECIAL CAUTION (unpainted cement and slurry coated tiles)  
NB!! Cannot be applied over Aluminium Roofs or Bituminous Aluminium

A. PREVIOUSLY UNPAINTED.

- The painting of unpainted cement, slurry coated tiles, clay and well-weathered tiles, is not normally recommended, unless the correct primer is used.
- Remove dust, dirt, loose granules, friable and powdery material with a high-pressure water jet or scrubbing with a hard bristle brush and water.
- For extremely porous surfaces such as unpainted cement, slurry coated tiles, clay and well weathered tiles, apply undiluted Excelsior SURFCON.
- Allow to dry for 8 hours before applying Excelsior SATIN ROOF PAINT.
- SATIN ROOF paint must be applied within 48 hours. If 48 hours is exceeded, sand surface to uniform matt finish and clean. Then apply 2 full coats of undiluted Excelsior SATIN ROOF.

B. PREVIOUSLY PAINTED (Painted substrates in poor condition). Consult Mylaw Technical Services before proceeding.

Please calculate sufficient quantity of roof paint required to do the entire job to ensure colour consistency, as from batch to batch, there may be small colour variations to which no claim will be entertained.

SECTION E:

APPLICATION PROPERTIES

Method:	Brush, airless spray or roller
Spreading Rate:	6 - 8m <sup>2</sup> /ℓ on smooth sealed surfaces (i.e. galvanised iron or I.B.R. steel sheeting) 3 - 5m <sup>2</sup> /ℓ on porous and gritty cement roof tiles
Number of coats:	Minimum two
Drying Time:	Hard 4hrs max
Overcoating Time:	Between 4 - 6hrs
Cleaning Solvent:	Water
Recommended systems:	As described above
Recommended DFT per coat	48mm

SECTION F

PRECAUTION

Flash point:	Water-based
Toxicity:	See M.S.D.S.

SECTION G:

NOTE

No guarantees are implied by the recommendations contained herein ;since the data sheet is issued for information only. Method of application, surface cleanliness, conditions of use etc. are beyond our control.