

DATA SHEET

404

SOLAR REFLECTIVE ROOF PAINT

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V1-28/11/2014

DESCRIPTION

- A ready to use water based Acrylic Top Coat with outstanding resistance to UV and tropical weather conditions, containing solar reflective pigments.

USES

- Coating of galvanised roofs and cladding.
- Re-coating tiled, fibre cement and Chromadek roofs.
- Top coat for masts and storage tanks.
- Reduces roof temperature up to 25%.
- Ideal for Duplex Systems.

PROPERTIES

- Quick drying
- Easy to apply by brush, roller or spray
- Water based, VOC compliant and environmentally friendly
- Bonds extremely well to most surfaces and old coatings
- Outstanding weather and UV resistance
- Does not chalk or fade
- Resistant to acid rain

PERFORMANCE TESTS

- | | | |
|---------------------------------------------------------|----------------------------------|----------------|
| - Adhesion (Cross hatch test) ASTM D3359-08 : Pass 100% | Impact Resistance(ASTM G14) | : 12.50 joules |
| - Accelerated Weathering (500hrs QUV) : No Change | Scrub Resistance (ASTM D2486-06) | : >1000 |

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PREPARATION AND APPLICATION

- All surfaces to be clean and sound and free of dust, oil and dirt.
- New galvanised surfaces to be scrubbed with Galv-o-clean and rinsed with water to water break free surface. Allow to dry and apply 2 coats.
- Weathered galvanised and previously coated surfaces must be primed with Hydrobond 44 (Refer to relevant Data Sheet)
- Walls should be primed with Masonry Primer.
- Apply 1 or 2 coats of 404 Solar Reflective Roof Paint by brush, roller or spray @ 6 – 8m²/litre per coat.
- Clean all equipment with water

Different surfaces and environmental conditions require specific painting systems to produce the best possible results. It is therefore recommended that you contact a Sales Representative for advice on all you painting requirements whenever possible.

HEALTH AND SAFETY

- Wear suitable face masks when spraying.
- Wash up with soap and water.
- Refer to the 16 point Material Safety Data Sheet.

HOW TO SPECIFY

- All surfaces to be suitably prepared and primed and then coated with 404 Solar Reflective Roof Paint according to the manufacturer's instructions.
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TECHNICAL DATA

TYPE	: Pure Acrylic
COLOURS	: Bright White
GLOSS	: Low Sheen (20°-2%, 60°-6%)
DRYING TIME	Temperature 5°C 10°C 20C 30°C Surface Dry 2Hrs 1Hr ½Hr ½Hr Hard Dry 6Hrs 4Hrs 3Hrs 2Hrs
No. OF COATS	: 2
RECOAT TIME	: Overnight
APPEARANCE	: Low Sheen
VOLUME SOLIDS	: 40%
SPREAD RATE	: 6- 8m ² /litre @ 60-50µ DFT (160 -125µ WFT)
APPLICATION TEMP.	: 5 to 45°C
PACKAGING	: 5L, & 20L
CLEANING	: Water

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the users' responsibility to confirm the currency of product data sheets.