

GEO-PAINT ACRYLIC ROOF PAINT

DESCRIPTION:

Geo-Paint acrylic roof paint is a superior quality paint that provides durability with alkali resistance. This product will provide complete protection against the harshest climatic conditions.

PRODUCT BENEFITS:

- Versatile emulsion based roof paint with excellent adhesion to galvanised steel, fibre cement and cement roof tiles
- Hard dry within 4 hours enabling two coats to be applied in the same day
- Easy application with either brush or roller
- No problems with clean up. Brushes and rollers can be washed with clean water
- Colours are resistant to fading, rain and alkaline salts found in cement tiles.

USES:

- A matt , pure acrylic polymer paint for direct application to new un primed galvanised steel, fibre cement and cement tiles
- Although essentially a roof paint, it also has other applications such as cladding, garage doors that are galvanised, fibre cement gutters and garden pots.

GENERAL DATA:

Type:	Pure Acrylic Polymer.
Drying Time:	Touch Dry 1 hour.
Recoating Time:	4 hours.
Gloss Level:	Matt.
Recommended DFT:	55 - 65 μm . This serves as a guide only.
Solids By Volume :	24 %
Spreading Rate Approx.:	8 m ² per litre on smooth sealed surfaces.

This figure will vary depending on the type of surface to be painted e.g. for tiles which have a rough gritty finish the spreading rate will drop to 3 - 5 m² per litre.

COLOUR RANGE AND QUANTITIES:

- A range of popular roof shades.
- Available in 5 and 20 Litres.



PRODUCT GUARANTEE:

- Geo-Paint Roof Paint is guaranteed to last up to five years under normal usage and exposure.
- Terms and conditions of guarantee:
- Geo-Paint (Pty) Limited accept no responsibility or accountability for either the workmanship in surface preparation or the application of our products.
- Geo-Paint only guarantees the performance of our products when correctly applied to suitably prepared and sound surfaces (substrate) - as per data sheet. A minimum of two coats must be applied and only Geo-Paint primers and undercoats are approved for use under this guarantee.
- Some colours are more durable than others are - on exterior products, a fade rate of up to 20% year on year is regarded as normal wear and tear. This means that after 5 years approximately 40% of the original colour will remain.
- This guarantee does not cover damage to the coating or failure that is due to incorrect cleaning and use, neglect, natural disasters, acts of God or terror, fire, lightning, abnormal climatic or weather conditions, mechanical damage, normal wear and tear, water ingress and rising damp, vandalism structural cracks, spoiling concrete, delaminating plaster and rust.
- This guarantee will be nullified if the product is thinned in anyway other than that specified in either the data sheet or relevant Geo-Paint specification.

APPLICATION:

- Ready for use with brush, roller or spray. Special rollers are available for galvanised roofs.
- Thinner: Not required except on very absorbent surfaces where the first coat may be thinned up to 10% with water. Thinning reduces opacity. If applied by conventional spray, thin up to 10 %.
- Clean up: Clean water.

SURFACE PREPARATION:

Surfaces must be clean / treated and dry before painting.

NEW WORK:

Galvanised Steel: (un weathered-inland areas)

Heavy fabricator's pre-treatment must be removed with general purpose cleaner. A water-break free surface indicates thorough cleaning. Apply 1 coat anti-rust primer.

Galvanised Steel: (weathered-inland areas)

Galvanised roofs, which have weathered for many years must be thoroughly cleaned with general purpose cleaner and abrasive pads to remove any white deposit (See above). Areas showing Red Rust, where the zinc has eroded away, must be spot primed with 2 coats anti-rust primer.

Ferrous Surfaces: (Iron and Steel)

Surface rust must be removed by thorough wire brushing. Prime with one or two coats anti-rust primer depending on the severity of the conditions.

Cement Roof Tiles: (weathered)

Cement tiles which, due to age, have become friable or have a powdery deposit present, must be sealed with Activator / Plaster Seal SR. If the tiles are normal (not friable), use a hose pipe to pre-wet the surface and apply Geo-Paint Roof Paint direct, thinning the first coat 15 - 20% with water to aid penetration.

Fibre Cement and other Cement Surfaces:

On very absorbent surfaces, such as fibre cement, the first coat should be thinned up to 10% with water. Pre-wetting the surface with water will assist application and bonding. Activator liquid may also be used for sealing properties.

Previously Painted Surfaces:

Surfaces must be in sound condition. Roof surfaces which show even slight signs of flaking must be completely stripped. All surfaces which are powdery or chalked must be treated with one coat of Activator Liquid / Plaster Seal SR. Surfaces that have fungus, mildew or algae present must be thoroughly scraped and then sterilized with a commercial bleach solution.

COATS REQUIRED:

For new work and general maintenance apply two coats. The quantity of paint required can be obtained by measuring the floor area of the house covered by roof, including overhang. Additional allowance must be made for the pitch of the roof e.g. for high-pitched roofs add 50% to the area, and if the roof is corrugated, add another 30% to the area. Dividing the total area by 10 will give an indication of the litres of paint required per coat.

PRECAUTIONS:

- For detailed safety information refer to Material Safety Data Sheet.
- Do not apply to roofs which act as catchments for drinking water, unless the water from the first 2 or 3 good rains can be discarded. Rainwater caught from a freshly painted roof will have an unpleasant taste.
- Do not apply when the temperature is less than 10 °C i.e. winter conditions on the Reef.
- Do not apply directly to un primed galvanised surfaces under coastal conditions.
- Do not apply to powdery or friable surfaces irrespective of whether the surface is new, old or previously painted.
- Some colours are more durable than others.
- Remember, prep work is the most important factor to quality.

FLASH POINT:

Non-flammable.

MATERIAL SAFETY DATA SHEET

GEO-PAINT ACRYLIC ROOF PAINT

SECTION 1. IDENTIFICATION OF ME SUBSTANCE/PREPARATION:

NAME: GEO-PAINT ROOF PAINT
MANUFACTURER: GEO-PAINT (PTY) LTD
23 Poortman Street
Potchindustria
Potchefstroom.
PHONE NUMBER: 018-293-2274.
FAX NUMBER: 018-293-2287
C.A.S. No: PREPARATION
E.C. No: N/A
E.C. LABEL: N/A
UN/SIN No: NONE
EAC: N/A
HAZCHEM: N/A
HAZARD RATING: N N 2
SAPMA: 3 H C
PIGMENTED WATER BASED EMULSION PAINT.
IN EMERGENCY CONTACT: W VAN ROOYEN AT PHONE: 018-293-2274

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS:

CHEMICAL CLASS: Emulsion based paint.
CLASSIFICATION: Not classified as hazardous.
HAZARDOUS COMPONENTS: No significant hazardous substances present.

SECTION 3. HAZARDS IDENTIFICATION:

SAPMA HEALTH RATING: 3 SLIGHT - Irritation or minor reversible injury possible.
INHALATION: May be irritating to sensitive individuals.
~~SKIN~~ May be irritating.
EYES: Irritating.
INGESTION: Irritating.
NO CARCINOGENIC, MUTAGENIC OR GENETIC EFFECTS ESTABLISHED
May have short-term environmental effects. Contain, monitor & remove.

SECTION 4. FIRST AID MEASURES:

INHALATION: Move to fresh air. In case of discomfort seek medical attention.
SKIN: Wash with plenty of soap and water. Remove contaminated clothing. If any discomfort persists seek medical attention.
EYES: Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
INGESTION: Give plenty of water or milk. DO NOT induce vomiting if patient is conscious. Call doctor

SECTION 5. FIRE FIGHTING MEASURES:

Non-flammable.

Keep containers cool with water spray to prevent pressure build-up.

SECTION 6. ACCIDENTAL RELEASE MEASURES-SEE ALSO SECTIONS 5, 8 & 13:

Contain & collect spillage with non-combustible material and dispose according to local regulations.

Keep out of drains & sewers.

SECTION 7. HANDLING AND STORAGE:

Store separately from any reactive substances - oxidisers in particular.

Store containers in well-ventilated cool environment, away from direct sun.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

TYPE:	Mixture See Section 2	"Skin"
SAPMA RATING:	3 H C	
PPE:	Gloves & suitable eye protection	
INHALATION:	In case of insufficient ventilation, use suitable respiratory protection.	
SKIN:	Use barrier cream and impervious gloves.	
EYES:	Use face shield or goggles. Avoid direct contact.	
INGESTION:	Observe the rules of hygiene. Wash before eating, drinking or smoking.	
GENERAL:	Appropriate hand protection and protective clothing must always be used.	

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:

CHEMICAL CLASS:	EMULSION BASED PAINT	
APPEARANCE:	WHITE OR COLOURED LIQUID	
pH:	8.4	
DENSITY:	1.1	
VISCOSITY:	100 – 110 KU	
FLASH POINT:	N/A	
SOLUBILITY:	Water miscible	
OIL:	Insoluble	
INSOLUBLE CONDUCTIVITY:	N/QRTITION COEFFICIENT (N-OCTANOLIWATER): N/Q	

SECTION 10. STABILITY AND REACTIVITY:

STABILITY: Stable if stored under normal conditions. Hazardous polymerisation will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION:

No records of chronic effects found.

SECTION 12. ECOLOGICAL INFORMATION:

May have short-term environmental effects. Contain, monitor & remove.

SECTION 13. DISPOSAL CONSIDERATION:

Use reputable waste disposal contractors. Destroy used containers.

SECTION 14. TRANSPORT INFORMATION:

UN No: Not classified as dangerous for transport.
PACKING GROUP: N/A
HAZCHEM CODE: N/A
IMO CLASS: N/A

SECTION 15. REGULATORY INFORMATION:

CLASSIFICATION: Not classified as hazardous.
S2: Keep out of reach of children.
S28: After contact with skin, wash immediately with plenty of water
S38: In case of insufficient ventilation, wear suitable respiratory equipment

SECTION 16. OTHER INFORMATION:

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms to SABS ISO 11014-1: 1994 (150-11014/ANSI Z400.1.1996)

OEL's derived from OHS Act Regulations for Dangerous Chemical Substances dated 25 August 1995 (EH-42)

SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991. All information is given in good faith without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof