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FLAKAPROOF Roof Paint

PRODUCT INFORMATION

DESCRIPTION: A tough, water based, low sheen, low VOC, corrosion resistant roof paint based on acrylic binder fortified with linseed oil with special properties not found in conventional acrylic roof paints.

PROPERTIES: Hardens slowly to a tough, low sheen film, with permanent adhesion to galvanised and zincalumed metal. It has greater tolerance of imperfect surfaces than conventional acrylics, especially flaking surfaces, due to the penetrating ability of linseed oil.

PRINCIPAL USES: Designed for use as primer, undercoat, and finish coat on Galvanised Iron, Zincalume®, and Colorsteel® as well as other common surfaces such as wood and concrete.

LIMITATIONS: Not suitable for direct to substrate applications to Colorsteel® type product which have not been weathered for 12 months or a primer applied before application. We recommend a priming coat of COVERWELL Galvanised Iron Primer for very smooth, baked surfaces where elevated adhesion is required.
Please refer to "Preparation" before use. On unusual or non-standard surfaces, you should test this product to determine if it is suitable for your particular use.
Do not apply when the temperature is below 5°C.

Water Collection on Roofs:
Suitable for the collection of water, but the roof surface must be "flushed" first. Disconnect roof downpipes until after the first significant shower of rain (10-15 mm) to flush away surplus wetting agents before the surface is used for the collection of drinking water.

COLOURS: Charcoal Grey (Grey Friars), Raven Black (Flaxpod), Copper Brown, Denim Blue, Ironsand, Karaka, Laurel Green, Red Ember (Pioneer Red)

APPLICATION DATA:

Surface Preparation:

All Surfaces: All loose, peeling and flaking material must be removed.
Surface must be sound, clean, dry and free from dirt, oil, grease, mould, moss, soot, lichen, salt, bird droppings and other contaminants. We recommend a pre clean with NOVEX TREAT–IT Fungicidal Treatment & Cleaner. Windblown salt can deposit onto roofs surprisingly far inland. It is recommended that the roof is thoroughly washed with freshwater every day before starting to paint.

Mould, Moss & Lichen:
If mould, moss or lichen is present, pre-treat the surfaces in advance with NOVEX TREAT–IT Fungicidal Treatment & Cleaner and leave for at least 2 weeks, then remove dead material and dirt by scraping, scrubbing or water blasting. Leave to dry. Note: Removal of these is critical to achieving a successful long-term decorative PAINT system and to achieve this you need to treat, leave until it has died then remove.

Corrosion on metal surfaces:

White Rust: If there is any white corrosion, check that it is easily removed, use a medium nylon bristle broom and fresh flowing water, or water blaster (2000-5000psi), clean the profile of white corrosion, dirt, lichen or mould. Take care not to drive water under laps or flashings. Apply one coat of COVERWELL Galvanised Iron Primer followed by 2 coats of FLAKAPROOF Roof Paint.

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"There shall be no right of redress against the manufacturer under the Consumer Guarantees Act 1993 in respect of goods which fail to comply with any express guarantees made by the manufacturer in relation to the information contained herein where the goods have failed for reasons beyond the control of the manufacturer".

Application details are based on generic scenarios, for any specific application not mentioned above, details please contact Agrippa Paints directly.
This product would be expected to be fit for purpose and preform as stated in this data sheet, provided the substrate is in good condition and preparation and application is completed as recommended to a high standard and application is carried out by a suitably skilled/experienced applicator.

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Red Rust: Red rust spots must be treated with a rust killer product and or suitable primer followed by the application of 2 coats of FLAKAPROOF Roof Paint.

Note: All current rust treatments on the market which are currently recommended to be used under acrylic paints are suitable to use with FLAKAPROOF Roof Paint after applying suitable matching primer.

Galvanised Iron & Zincalume®:

Apply 1 coat of COVERWELL Galvanised Iron Primer if there is any visible white rust or if an acrylic paint other than NOVEX Acrylic Roof Paint is used as the finishing coat. On severe marine exposure sites and over non-rain-washed areas, such as the undersides of metal gutters, 2 coats of COVERWELL Galvanised Iron Primer are recommended prior to the application of two coats of FLAKAPROOF

Note: New galvanised iron and Zincalume® can have a water repellent surface. Leave the surface exposed to the elements for at least 3 months or use a suitable roof wash solution.

Colorsteel® Type Products:

Spot prime any areas showing white rust with COVERWELL Galvanised Iron Primer prior to the application of 2 coats of NOVEX FLAKAPROOF Roof Paint.

Notes: In the unlikely event of needing to overpaint new Colorsteel® painted steel, ideally allow the surface to weather for at least a year.

If this is not possible use a suitable roof wash solution to remove any strippable film adhesive or wax from the surface then abrade the surface with a scourer pad or fine grit sand paper to improve the adhesion. Take care not to sand through the existing paint surface on tension bends. Thoroughly clean the surface with fresh flowing water and a medium stiff nylon bristle broom or waterblast (2000-5000psi). Take care not to drive water under laps or flashings. Allow the roof to dry. Apply a priming coat of ACRYLIC GALVANISED IRON PRIMER.

Concrete Roof Tiles:

Mould or moss is very common on this type of substrate and must be treated before application of FLAKAPROOF as above.
Using on porous Concrete and unsealed Terracotta Roof tiles
FLAKAPROOF works fine on these surfaces, but we do want to point out 2 main points to remember;

1st point is preparation:
Weathered tile roofs are typically infested with mould, widespread lichen and moss growth. Removal of these are critical to achieving a successful long-term decorative paint system and to achieve this you need to treat, leave until it has died then remove. (If it is not treated and removed, they may feed on the linseed oil).

2nd point
That unsealed terracotta tiles and weathered concrete tiles need a seal coat of NOVEX Easy Seal Solvent Roof Glaze prior to applying two coats of FLAKAPROOF.

Application: Apply on a fine day. Avoid application if rain is forecast within 24 hours or the temperature is below 10°C or above 30°C. If applying to a roof, the substrate temperature will be greater than the air temperature and application to hot surfaces may be difficult due to rapid evaporation and may also produce an uneven finish.
Stir well before use, with a wide flat stirrer in a circulating "bottom to top" motion.
Apply with a good quality brush, roller or airless spray.
Two coats are recommended to give greater durability and protection to the surface.
Apply in strips (about 30 cm wide) along the full length of the corrugations so the paint overlaps align with the corrugation valleys to minimise shading.
Note: If the project requires more than one pail of product (especially different batches) it is good practice to add some of the new pail to the last of the old pail during application to ensure colour uniformity.

Thin with water, but only use if necessary for easy application by the selected equipment.

Drying Time: As a guide FLAKAPROOF and NOVEX ACRYLIC GALVANISED IRON PRIMER is touch dry in approximately 30 minutes.
Both FLAKAPROOF and NOVEX ACRYLIC GALVANISED IRON PRIMER can be recoated after 2 hours, but on roofs, FLAKAPROOF needs overnight drying as the surface needs to be firm enough to walk on.
A dry film of FLAKAPROOF is initially soft but hardens over several days as the linseed oil dries.
Note: Drying and curing times will vary depending on temperature and humidity conditions at time of application.

Clean-up: Wash the equipment with cold water. Give a final rinse with warm, soapy water and laundry detergent to remove any linseed oil residue.

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GENERAL DATA:

Gloss Level: Low sheen.

Theoretical Coverage:
Approximately 8 -14 square metres per litre per c

Application Temperature:
FLAKAPROOF is not as sensitive to cold application temperatures as normal acrylics but 10°C to 25°C is a good working range.

Shelf Life: Store in cool conditions away from direct sunlight. Under normal conditions, full containers can be stored for several years.

Specific Gravity: Approximately 1.25 (varies slightly with colour) = 1.25kg/litre.
FLAKAPROOF is supplied in 4 litre, and 10 litre plastic containers. Test pots are also available.

COMMON QUESTIONS & ANSWERS

Q What if we get gloss variations with FLAKAPROOF?
A Gloss variations on exterior situations 'even out' to a low sheen finish over a period of time.

Q Can I use FLAKAPROOF on new Zinclume?
A Yes, but it will be soft for a couple of days whilst the oil hardens.

Note: Avoid using any cleaners which have sodium hydroxide (caustic soda) – if it is not washed off fully it will have a reaction with the linseed oil.

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