



FLAKAPROOF™ ROOF PAINT



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PRODUCT INFORMATION

DESCRIPTION:

A tough low sheen corrosion resistant roof paint with special properties not found in conventional acrylic 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 and zincalume steel as well as other common surfaces such as wood and concrete.

Colorsteel® type product:

A Flakaproof Primer for Colorsteel® type products has been formulated as a primer for very smooth, baked surfaces where elevated adhesion is required. We recommend a priming coat of Flakaproof Primer before the application of Flakaproof. Please refer to "Preparation" before use.

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) in order to flush away surplus wetting agents before the surface is used for the collection of drinking water.

COLOURS:

Charcoal Grey, Copper Brown, Denim Blue, Ironsand, Karaka, Laurel Green, Red Ember, Primer (Mid Grey).

APPLICATION DATA:

Surface Preparation:

The surface should be as clean as possible. Remove flaky paint, surface chalk, powder, soot, salt, dirt and other contaminants by scrubbing or water blasting. Treat mould and moss with a killer such as a proprietary fungicidal product and chlorine bleach, then remove dead material by scrubbing or water blasting.

Concrete Roof Tiles:

If mould or moss is present, **pre-treat** the surfaces in advance with proprietary fungicidal product and leave for at least 2 weeks, then remove dead material and dirt by scraping, scrubbing or water blasting. Leave to dry.

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 is 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.

Treatment of Rust:

Areas of white rust must be removed by hand or power wire brushing. Red rust spots must be treated with a rust killer product or primer followed by the application of Flakaproof.

(All current rust treatments on the market which are currently recommended to be used under acrylic paints are suitable to use with 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.

Application:

Apply with brush, roller or airless spray.

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

Apply on a fine day. Avoid application if rain is forecast within 24 hours or the temperature is below 10°C or above 25°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 maximum 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.

Drying Time: Flakaproof & Flakaproof Primer dries to touch in less than 30 minutes. Although still soft it can be recoated after 2 hours, but on roofs overnight drying is necessary 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 by oxidation.

Primer - can be recoated after 2 hours as it hardens more rapidly.

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.

GENERAL DATA:

Gloss Level: Low sheen.

Theoretical Coverage: 10 sq metres per litre per coat. Primer - allow 10-12 square metres per litre per coat

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. Avoid freezing as frozen paint will destabilise when thawed.

Specific Gravity: Approximately 1.25 (varies slightly with colour) = 1.25kg/litre.

Sizes available: Flakaproof is supplied in 4 litre, and 10 litre plastic containers. Test pots are also available.

COMMON QUESTIONS & ANSWERS

Q Can I collect rainwater for drinking after applying Flakaproof?

A Yes, it is 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) in order to flush away surplus wetting agents before the surface is used for the collection of drinking water.

Q How do we treat moss, lichen and mould?

A For moss or lichen it should be treated and left a few weeks before staining. Then prior to painting remove dead material by scrapping, scrubbing or water blasting.

We have found the product called 30 Seconds ONE STEP (the green label) mixed with Janola has the best success in treating mould, moss and lichen.

Mix as follows: Water 4 parts (e.g., 4 litres)

One Step (green label) 1 parts (e.g., 1 litre)

Janola (or other chlorine bleach) ¼ part (e.g., 250 ml)

If the surface is relatively clean, there is no need to wash off the above treatment mix. When left on and painted over it provides long term benefits as it help control regrowth.

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.

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 Zinlume?

A Yes, but it will be soft for a couple of days whilst the oil hardens.

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