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# ROOFMAX



## Roof Paint

### PRODUCT INFORMATION

#### **DESCRIPTION:**

Water based, acrylic, linseed oil modified roof paint incorporating modern day anti-corrosive and fungicidal protection technology.

#### **PROPERTIES:**

ROOFMAX hybrid oleoresinous system is a blend of an acrylic binder with linseed oil which has exceptional tolerance to imperfect surfaces compared to conventional acrylics (especially flaking surfaces) due to the special wicking/bonding ability of linseed oil.

ROOFMAX dries to a low sheen finish with a high opacity giving excellent UV absorption and high durability.

#### **PRINCIPAL USES:**

ROOFMAX can be used as a primer, undercoat and finish coat.

ROOFMAX can be applied to galvanised steel, Zinalume®, aluminium, copper also wood and concrete surfaces such as roofs, spouting, fascias, garage doors and fences – please refer to "Preparation" before use.

If a previous paint film is cracking and flaking, ROOFMAX's linseed oil can soak under and bind down the flaking edges and will create less film stress than a normal acrylic, thus reducing the forces that promote further flaking. However, if large parts of the old paint are ready to fail they will still remove the top coat if they peel. In such cases, thorough preparation along with water blasting is needed before applying the first coat of ROOFMAX.

Colorsteel® type product:

A ROOFMAX 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 ROOFMAX Primer before the application of ROOFMAX. 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:**

Cool Grey, Denim Grey, Deep Karaka, Earth Brown, Ferric Red, Magna Ironsand, Plantation Green, Steely Charcoal, Primer (Grey)

*Note: Always colour test first to check your choice of ROOFMAX colour gives the result you want on the surface you are painting.*

#### **APPLICATION DATA:**

##### **Surface Preparation:**

All surfaces:

- Must be sound, clean, dry and free from dirt, oil, grease, mould, moss, soot, salt, bird droppings and other contaminants.

##### **Galvanised Iron & Zinalume®:**

If mould or moss is present, **pre-treat** the surfaces in advance with a 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.

**Note:** New galvanised iron and Zinalume® 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:**

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.

We recommend the application of ROOFMAX Primer, followed 1 or 2 coats of ROOFMAX.

**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 or scrubbing. Leave to dry.

**Porous Concrete Roof Tiles & Unsealed Terracotta Roof Tiles:**

ROOFMAX works fine on these surfaces, but we do want to point out 2 main points to remember.

1<sup>st</sup> point is preparation: Weathered tile roofs are typically infested with mould, widespread lichen and moss growth. 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. (If it is not treated and removed, they may feed on the linseed oil).

2<sup>nd</sup> 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 ROOFMAX.

**Timber Surfaces:**

If mould or mildew is present, **pre-treat** the surfaces in advance with proprietary fungicidal product such as PREPMAX Timber Clean & Prep and leave for at least 2 weeks, then remove dead material and dirt by a low-medium pressure wash down and/or scrubbing. Leave to dry. For weathered, absorbent timber surfaces a primer such as AQUAMAX Clear Base or suitable matching colour, is recommended prior to the application of ROOFMAX.

***Notes:** Heavy water blasting is not recommended as it can "fluff" the timber surface, use a low-medium pressure wash down and/or scrubbing.*

*Removal of any moss, mould, & lichen 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.*

**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 ROOFMAX.

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

**Treatment of Flaking Coating:**

If a previous paint film is cracking and flaking, ROOFMAX's linseed oil can soak under and bind down the flaking edges, However, if large parts of the old paint are ready to fail they will still remove the top coat if they peel. In such cases, scraping and/or water blasting is needed to ensure the majority of suspect areas are removed before applying the first coat of ROOFMAX.

**Application:**

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 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.*

**Touch Dry:**

As a guide, ROOFMAX and ROOFMAX Primer will be touch dry in approximately 30 minutes.

**Recoat:**

ROOFMAX - leave to dry overnight before recoating.

The ROOFMAX film will initially be soft but hardens over several days, as the linseed oil cures. (Even though the film may still be soft, other surfaces not walked on, can be recoated after 2 hours.)

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

Note: Drying and curing times will vary depending on temperature and humidity conditions at time of application. Some initial gloss/sheen variations may appear but will "even out" over a period of time as the oil cures.

**Clean-up:** ROOFMAX'S innovative formulation allows for water clean-up. Wash equipment with cold water, then to remove any oleoresinous residue, rinse with hot, soapy water eg laundry detergent.

Protect our Environment – When disposing of leftover liquid, keep out of stormwater drains and waterways. Take to a local hazardous waste disposal station. Dry all empty containers in a well ventilated area. Dispose of the empty containers according to your local council regulations.

#### **GENERAL DATA**

**Gloss Level:** Low sheen.

**Theoretical Coverage:** ROOFMAX - allow 10 square metres per litre per coat.  
ROOFMAX Primer - allow 10-12 square metres per litre per coat.  
Depending on the texture and profile.

**Application Temperature:** 10-25°C

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

**Specific Gravity:** Approximately 1.30 (varies slightly with colour) = 1.30 kg/litre.

**Sizes Available:** ROOFMAX is supplied in Test Pots, 4 Litres and 10 Litre plastic containers.

#### **COMMON QUESTIONS & ANSWERS**

**Q** Gloss variation's with ROOFMAX?

**A** Some initial gloss/sheen variations may appear but will "even out" over a period of time as the oil cures to a low sheen.

**Q** Can we mix the colours?

**A** Yes, colours are fully intermixable. We suggest you experiment with Test Pots to achieve the desired colour and test on an inconspicuous area before proceeding with the entire area.

**Q** Can I collect rain water for drinking after applying ROOFMAX?

**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** Can I use ROOFMAX on Decramastic roofs?

**A** **Yes**, ROOFMAX is successfully used on this type of roofing. Key thing is to ensure sound preparation is done and ensure existing coating surface is sound as product will only bind to what's left. Past history on these types of roofs is a lot of these roofs had technical faults when it was made with bonding on the original coating, hence the reason for caution (irrespective of which coating is being applied). But if all sound and good preparation is followed (especially with treatment and removal of any moss, mould or lichen) then it should be fine. It is also suggested to apply a good film build to help bind up any loose chip.

**Q** Can I use ROOFMAX on Asbestos roofs?

**A** **No**

#### **Note:**

We believe linseed oil does assist with bonding onto none perfect substrates and it will perform as good and, in most case, better than a standard acrylic system, it will have some limitations on very poor substrates and more preparation maybe required.

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.

#### **OTHER NOTES**

The information concerning the use and application of ROOFMAX is supplied in good faith, based on our experience and tests. However, subject to our standard Terms & Conditions of Sale (available on request) and any implied terms, conditions, or warranties imposed by the Consumer Guarantees Act 1993 the recommendations and suggestions herein are made without guarantee, as application conditions are out of our control. Adequate tests should be made to ensure product or recommendations suitability. We reserve the right to alter product or specification without notice.

"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".