



ROOFCOAT PRIMER

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Monier Roofcoat Primer is a new concept water based modified acrylic polymer coating incorporating Nano technology designed to deeply penetrate and bind oxidised concrete roof tiles. It is ideal for use on new or very non-porous concrete tiles. Deep penetration into the concrete tile is important as loose surface powder can cause adhesion problems which may lead to peeling and blistering of the following colour coats. Typical tile examples where Monier Roofcoat Primer would be used are: on Monier, Boral, Bristle Gregson, Standards, Bungalows and Atlas concrete roof tiles.

Uses

- Monier Roofcoat Primer is designed to deeply penetrate oxidised cement roof tile surfaces and bind any free powder prior to top coating. Its excellent adhesion makes it particularly effective as a key coat for most rust-free metal roof surfaces and some low porosity cement roof tiles.

Features/Advantages

- Provides excellent adhesion to concrete roof tiles and most metal roofs
- Under normal weather conditions can be topcoated in 2 hours
- Water cleanup.

Instructions for Use/Application Instructions

- In order to provide the best result, it is important to understand the basic film forming process of the coatings and the problems that may arise.
- All coatings contain water and a solvent which keeps the polymer particles soft. This solvent is called a coalescing solvent or coalescent. Ideally, as the coating starts to dry, the water and coalescent release from the coating and the soft polymer particles are forced into each other. The process is called coalescence and proper coalescence of the coating film is vital if high gloss, adhesion, and long term durability is to be obtained. When the process of coalescence is fully completed, the coating film is said to be cured. This may take a week from the time of application to occur. The primer is an exception. It penetrates into the cement tile and gains adhesion by forming a physical bond, not chemical, with the tile. The following coat will then chemically bond with the primer. Some tiles however become almost non-porous during the manufacturing process and it is necessary treat them like metal surfaces. With these tiles and metal surfaces, it is necessary for the primer to "key" to the surface by forming a chemical bond. It takes about 24 hours to ensure maximum adhesion occurs, before the next coat is applied.
- There are many factors which can affect the film forming process. Dry time, temperature, humidity, film thickness, number of coats applied, number of coats in one day and wind are the most common.
- Thoroughly clean concrete roof tiles with high pressure water blaster to remove any dirt, moss or any other loose material. Allow to dry before applying Monier Roofcoat primer or colour coating products.
- Apply Monier Roofcoat Primer by airless spray, brush or roller going top-bottom, not across the roof.

Important Notes/Limitations

- Not recommended for application below 14°C or over 32°C air temperature. This is particularly important when coating metal roofs.
- As a general rule: "If the roof is too hot to touch, it is too hot to paint".
- In cold conditions the air temperature may be within our guidelines but the roof surface may be much colder. In this case, allow the surface to warm up before spraying, brushing or rolling.
- DRYING TIME: Allow 2 hours before applying the next coat. Drying time will be affected by the surface type and condition and the weather. High humidity, dew, rain etc will affect the drying process and should be taken into consideration before spraying.





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Safety

- Monier Roofcoat is classified as non-hazardous by work safe Australia however as a general safety precaution:
- Avoid contact with skin and eyes.
- Keep out of reach of children.
- Use in well ventilated area. Wash hands after use.
- If eye contact: wash out with water.
- Seek medical assistance if irritation persists.
- If swallowed: drink plenty of water. Do not induce vomiting - Seek medical assistance.

Drinking Water

- Monier Roofcoat Primer dry film is non- hazardous and suitable for roofs used to collect drinking water.

Coverage

For concrete tiles roofs:

- Roofcoat Primer: 80 square metres / 20 litre pail

For metal roofs:

- Roofcoat Primer: 100-120 square metres / 20 litre pail

Clean up

Clean all equipment with water after use.

Product Disclaimer

The performance of this product is dependent on application procedures and conditions beyond our control. This makes it impossible for Monier to assume responsibility for any loss arising from the use of this product. Our liability will therefore be limited to the replacement of the product only. Monier also reserves the right to alter formulations specifications, application procedures and recommendations without notice.

Disclaimer

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