

- Alkaline resistant sealer for fresh ridge capping mortar repairs.
- Surface filler for weathered cement tiles.

WM2070



Description

Cap Sealer is a low VOC water-based, 100% acrylic sealer, binder and high build elastic base coat membrane with excellent substrate fill and resistance to alkali burn from new cement mortar repairs. The product is used as a specialty sealer by the roof restoration industry for application to fresh green ridge capping mortar repairs that are carried out during the restoration process of a cement tiled roof.

Cap Sealer is applied to the fresh ridge capping mortar to act as a barrier coat between the fresh cement repairs and the new protective topcoats to follow. It will eliminate alkali burn to the topcoats and stop leaching salts from bleeding through and effecting the new topcoats with unsightly white out along ridge capping repairs.

Principal Uses

Alkali resistant sealer and barrier coat for new green ridge capping mortar. Surface filler for weathered cement tiles.

Features

Highly Alkaline Resistant

Cap Sealer is highly tolerant to new green alkaline cement substrates and provides tenacious adhesion even under these conditions and guarantees strong inter coat adhesion with the following topcoat membranes.

Excellent Surface Filler.

Cap Sealer was originally designed as white our barrier for fresh cement repairs but has also found considerable use as a high build elastic surface filler for cement tiles that have lost their smooth factory finish form extreme weathering.

Cap sealer is applied in heavy coats to the tile surface to smooth out the exposed base aggregates on the tile surface. It fills the tile surface and provide a smooth, even and more consistent substrate that enhances the overall look of the entire roof once topcoat membranes are applied.

High Under Foot Tack for a Safe Non-Slip Applicator Surface.

Cap Sealer, even when dry and cured remains tacky and helps provide strong under foot traction for applicators.

Australian Made and Owned

Astec Paints are an Australian owned and operated company that has been manufacturing premium finishes for the building and home restoration industries since 1978. For over four decades we have produced our entire product range in our South Australian plant. We are proud of what we make and that our products can carry the Australian Made and Owned Logo.



Technical

Data

Colour	Light blue
Gloss level	Low Sheen
Drying Time at 25°C	30 mins ~ 1 Hour
Recommended thinners	Water, (do not thin)
Recoat time at 25°C	1 hour
Spread rate at 300 mic/dft	1.6 m ² per ltr
Specific gravity	1.091
Solid content	48% W/W
P.V.C.	0.0 % W/W
VOC	<5 gl

Limitations

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Cap sealer is a water-based material, therefore should not be applied during inclement weather or when precipitation or freezing are imminent.

Cleaning

1. All surfaces must be clean, dry, structurally sound and correctly sealed prior to any topcoat application.
2. Ensure down-pipes to rain-water tanks and storm water are disconnected before cleaning.
3. The surface should be high pressure water cleaned to remove the moss, lichen and chalky surface, ensuring that all mould deposits are removed from the leading edge and shoulders of the tiles. The most suitable nozzle to achieve the best results on concrete tiles is a Kranze Turbo Nozzle. Any deposits of grease, oil or silicone must be removed.
4. Structural defects to areas such as the ridge capping should be correctly repaired by re-bedding or re-pointing, any defective tiles should be replaced.

Mould Treatment

- Apply one coat of Astec Barrier to the entire roof surface with a low-pressure backpack, or airless spray unit. When applying Barrier, you need only to dampen the surface ensuring efforts are made to contact all shoulders and edges of the tiles. Astec Barrier will effectively retard any dormant mould spores in the substrate that can cause under film mould spoilage, Barrier is an extremely low-cost solution that adds years of service free life to concrete roof restoration.

Sealing

- The pressure cleaned surface of the tile should be checked for surface integrity before the selection of the correct sealer.
- If the surface is clean, but when rubbed continues to produce a powder on your finger. It means that the original factory finish has weathered to a point where it is under-bound. This is most common with Monier roofing tiles and needs to be re-bound to ensure top-coat adhesion.
- Powdery surfaces require the application of one coat of Astec Multi-Seal. Multi-Seal has an exceptionally low surface tension and will penetrate and bind the chalky surface prior to top-coating. Apply one coat of Astec Multi-Seal at a coverage rate of no more than 6 m² per litre.
- Surfaces that do not produce a powder when rubbed are seen as normal and should be sealed with one coat of Astec Tile Sealer. Apply one coat of Astec Tile Sealer at a coverage rate of no more than 6 m² per litre.
- Apply one full, wet coat of Astec Cap Seal to any fresh mortar repairs. Cap Seal is highly resistant to alkali attack from green mortar, and when applied to fresh cement, protects the topcoats from lime burn and leaching salts. It is imperative that Cap Seal is used under Tilesield on fresh mortar repairs to eliminate any chance of unsightly top-coat white out.
- If Unsure, Contact Astec for the correct preparation technique, sealers, primers and undercoats before proceeding.

Specification for Aged Cement Tiled Roofing

Refer Astec a-Spec No. APA 2062

Application Data

Application

1. Stir well before use with a flat paddle or with a metal paint wacker using an up and down scooping action.
2. Apply one full wet coat of Cap Sealer, to all ridge capping. (Coverage rate not to exceed 1.9 m² per liter). WFT 200 microns.
3. The above coverage rates include average substrate profile area for concrete tiles.
4. For airless spray applications use a 518 to 523 tip.
5. Do not apply to surfaces that have had wax or silicone-based materials previously applied. Do not apply when ambient temperature is below 10°C, above 35°C or when humidity is extremely high.

Pack Sizes

1 Ltr / 4 Ltr / 10 Ltr / 15 Ltr / 20 Ltr

Paint Disposal

Do not pour left over paint down the drain. Brush any leftover paint onto newspaper and allow to dry in a well-ventilated area. Dispose of the dry paint via domestic waste disposal. Empty cans should be left open and allowed to dry then disposed of in accordance with your local recycling legislations.

Safety Direction

Keep out of reach of children, provide adequate ventilation during use and do not dispose of left-over paint in any drainage systems. Avoid contact with the skin and eyes, and avoid breathing the vapour, spray mist or dust. Wear suitable protective clothing including rubber or PVC gloves and safety goggles. An organic vapour cartridge respirator should be worn.

First Aid

Eye Contact

Irrigate continuously with water for fifteen minutes holding eyelids open. Seek Medical advice.

Swallowed

Contact a doctor or Poisons Information Centre immediately. Do not induce vomiting. Give a glass of water. If vomiting does occur, place victim's face downwards at low level to prevent vomit entering lungs. Contact Astec for the relevant Material Safety Data Sheet.