

Aotea Tile Sealer – Technical Data Sheet

Description:

Aotea Tile Sealer is a water reducible modified acrylic sealer/base coat formulated for use on concrete roof tiles and other suitable cementitious roof surfaces. It is designed to provide adhesion, build and surface uniformity prior to the application of compatible Aotea roof finish coats.

Physical Properties

Resin Type: Modified acrylic emulsion

Solvent: Water

Colour: White, may be tinted

Finish: Eggshell

Drying Time: 3 hours @ 18°C

Recoat Time: 4 hours @ 18°C

Dry Film Thickness: 75µm minimum

No. of Coats: 1–2

Theoretical Coverage: 6–8m² per litre to attain 75µm DFT

Primer Needed: Aotea Key Coat on degraded, porous or highly absorbent tiles

Thinning & Cleaning: Thin only to suit application method. Water clean-up.

Performance:

- Excellent adhesion to properly prepared concrete tile and cementitious surfaces.
- Excellent filling properties with built-in elasticity.
- Helps improve surface uniformity before application of compatible roof finish coats.
- Water-based formula for easy application and clean-up.

Limitations:

- Do not apply when the temperature is below 10°C or expected to fall below 10°C during drying.
- Do not apply to damp, dirty, chalky or poorly prepared surfaces.
- Must not be used as a finish coat. A compatible Aotea roof finish coat is recommended as the final coat.
- Do not apply if rain, dew or condensation is likely before the coating has dried.
- Not recommended for interior applications.
- Not for use on potable water contact surfaces during the curing period.

Substrate Preparation:

Ensure all surfaces are clean, sound, dry and free from dust, dirt, chalking, moss, mould, fungus, grease and other contaminants.

If mould, fungus or organic growth is present, treat the surface with CCM House Wash or CCM Contractor Concentrate before coating. Water blasting is the recommended method of surface preparation for roof tile surfaces.

Apply Aotea Key Coat to properly cleaned and prepared degraded, porous or highly absorbent tiles before applying Aotea Tile Sealer.

Application:

Aotea Tile Sealer may be applied by brush, roller or spray. Apply evenly and ensure the correct quantity is applied to achieve the recommended dry film thickness. Observe drying and recoat times before applying further coats.

Thinning with water is only recommended for spray application. Do not over-thin, as this may reduce film build, adhesion and performance.

Recommended System:

1. Clean and prepare surface thoroughly.
2. Apply Aotea Key Coat where required.
3. Apply 1–2 coats of Aotea Tile Sealer to achieve the specified film build.
4. Finish with a compatible Aotea roof finish coat.

Clean-Up:

Clean brushes, rollers, spray equipment and spills with clean water immediately after use. Do not allow wash water or coating residue to enter drains, stormwater systems or waterways.

Storage:

Store in original sealed containers in a cool, dry, well-ventilated area. Protect from freezing, extreme heat and direct sunlight. Keep containers closed when not in use.

Health and Safety:

Refer to the Safety Data Sheet before use. Avoid contact with eyes and skin. Avoid breathing spray mist. Wear suitable protective equipment when applying, especially during spray application.

Disclaimer:

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