

SpecShield Asbestos Encapsulation Coating

Functional coating to encapsulate & seal asbestos

A one component, water based, elastomeric, UV cross-linking pure acrylic.

Intended Uses:

A functional coating for the encapsulation and sealing of asbestos that cannot be removed due to structural conditions. SpecShield Asbestos Encapsulation Coating is suitable for interior & exterior use on suitably primed asbestos cement or asbestos sprayed concrete surfaces.

The elasticity will provide continued encapsulation should minor cracks occur (less than 1mm). SpecShield Asbestos Encapsulation Coating is applied in 2 layers to achieve 0.5mm.

Properties:

- Easy application by roller or airless spray.
- Highly adherent.
- Water based.
- Reinforces the asbestos.
- Binds loose fibre effectively.
- Waterproofs.

Technical Data:

Composition	Water based UV cross linking pure acrylic
Colour & Appearance	All colours, low sheen finish
Pack Size	5 & 20 Lt
Density (Kg/ Lt)	1.34
Mass Solids	45%
Volume Solids	57%
Diluent	Water – up to 5%
Recommended Wet Film Thickness per coat	400 – 625µm
Recommended Dry Film Thickness per coat	180 – 250µm
Total Dry Film Thickness	360 – 500µm
Number of Coats	Minimum 2
Spreading Rate	1.25 m ² / Litre @ 360µm DFT
Storage	Store out of direct sunlight in dry conditions between 15°C and 25°C
Shelf Life	12 months when stored as recommended in original un-opened containers
Clean Up	Water
Drying time @ 25°C	60 minutes – Touch Dry 6 hours – Overcoating 12 hours – Through dry
Optimal Application Temperature	Surface - Minimum 15°C – Maximum 35°C Ambient – Minimum 12°C – Maximum 30°C Relative Humidity Minimum 10% - Maximum 85%

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

- Always investigate the condition of the asbestos-treated substrate or asbestos-cement. Avoid encapsulation of asbestos in bad condition of where the substrate is exposed to mechanical wear.
- Always adhere to local health & safety laws when handling asbestos and ensure correct PPE is worn at all times.

Substrate	Primer	Instruction
Asbestos	Deep Penetrating Primer WB	Seal the possible asbestos fibre dust by spraying the surface with a thin layer to seal remaining dusts.

Mixing:

Mix well prior to use with a flat-bottomed paddle or electrical mixer.

Application:

- Designed for airless spray application or when not possible brush or roller.
- At spray application paint can be thinned up to 5% with drinking water prior to use.
- 17 to 31 thou nozzle size for airless spray is recommended. Keep drum covered during application to avoid skinning.
- Pressure should be adjusted to ensure fine atomization.
- If rolling a thick nap roller is preferred.

Caution:

- Do not overcoat with other finish coats or condensation properties will be lost.
- Always consult with technical department if unsure.
- Refer to product MSDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection and skin protection.

Systems:

Consult with Specialized Coating System for application specific recommendations.