

insulcote® 100% Acrylic Low Sheen

Description:

Insulcote® Acrylic Low Sheen is a high quality exterior 100% Acrylic coating designed specifically for plaster finishes. It is self priming and has a high level of pigmentation to give excellent coverage in a range of fashionable colours.

Typical uses:

As a topcoat for all Insulclad® plaster finishes. Can also be applied to masonry surfaces, timber, masonry and fibre cement board systems.

Expectation:

When correctly applied to a sound substrate, Insulcote will give a trouble free life for at least 10 years without blistering or cracking.

Insulcote is self priming. This greatly increases adhesion, especially on difficult substrates.

Limitations:

Do not apply if air or surface temperature is likely to drop below 10°C during application or drying.

It is recommended that new masonry surfaces be left to age before painting to eliminate lime efflorescing to the surface. If this is not possible, apply 1 coat of Cotec Limestop prior to application of Insulcote®.

Do not subject coating to hydrostatic pressure. It is not designed to be walked on, as the resin is too soft.

Technical Data:

Resin Type	Wet adhesion promoted 100% Acrylic Polymer
Finish	Low Sheen
Colour	White/unlimited colours
Touch Dry	30 minutes at 20°C
Recoat	2-4 hours
Fully Cured	7 days
Durability	Excellent, expected life on sound substrate >10 years when applied correctly
Volume Solids	(White base) 43%
Wet Film Thickness	75-100micron per coat
Dry Film Thickness	32-43micron per coat (white base)
Number of Coats	2-3
Thinning and Clean Up	Water (thin up to 10%)
Components	1
Shelf Life	24 months maximum
Pack Size	1, 4, 10 ,20

Spread Rate:

10-15m² per litre, depending on the type of surface and texture.

Surface Preparation:

Refer to “Surface Preparation and Paint Systems”, for full details.

To ensure a successful application all surfaces must be clean, dry and stable concrete, cement plaster, old and new:

Unpainted: Wash down thoroughly to remove all dirt and loose material. If tight surface from formwork, steelwork etc, it is important to remove any laitance and provide an open profile to accept the first coat. Apply COTEC Concrete Etch Solution via broom or low pressure spray (wear protective clothing and goggles). On new cementitious surfaces, allow substrate to cure for at least 7 days (28 days preferred).

Painted: Remove any flaking or blistering paint by water blasting or grit blasting, being careful not to create any undue profile or damage the underlying substrate.

EIFS Systems / Fibre Cement Sheet: The surfaces need to be clean and dry. Treat as for new concrete. No acid etch required.

Wood: Generally requires a primer to fill and seal the surface. An oil or water-based primer may be used. Use Cotec Alkyd Wood Primer or Cotec Acrylic Sealer Undercoat. Interior surfaces can be sealed/filled with water-based Cotec Evo Easysand or solvent-based Cotect High Opacity Pigmented Sealer. Staining can result from the sap of some timbers.

All Surfaces: Any remaining mould, moss algae needs to be treated with a suitable cleaner/inhibitor. Ensure surfaces are free from oil, grease and any contamination. Use commercial detergent/cleaner not COTEC Concrete Etch.

Cementitious Surfaces: If lime leaching/efflorescence is possible, apply one coat of Cotec Limestop prior to application of Insulcote 100% Acrylic Low Sheen.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt, clarify with others (owner, builder, architect) first.

Application:

Brush and roller: Can use product as is or dilute up to 10% potable water for use in hot, windy conditions. This will ease roller/brush drag and keep a wet edge

Spray: Recommend an airless unit. Pressure 2500psi max and a tip of 515-619. Add up to 10% potable water, if required.

Thinning and Clean Up:

Maximum thinning 10%. Clean up in water; use a small amount of detergent to aid cleaning.

Environmental:

This product has been formulated using the latest technology to eliminate undesirable raw materials in its make up.

Do not allow wash water to run into natural water courses. Wash water can be put into waste drains with plenty of water to flush aggregate fillers. **Always** dispose of in accordance with local government regulations. Soak up spills with absorbent material and dispose of properly. Refer to MATERIAL SAFETY DATA SHEET.



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