

INSULATING TECHNOLOGY PTY. LTD.

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PRODUCT DATA SHEET INSULTEC - INTERIOR



- Outstanding heat retaining paint
- Suitable for most building substrates
- Low cost / Energy efficient

DESCRIPTION Insultec Interior heat retaining paint is highly durable water based acrylic coating. Insultec Interior can be applied to a wide variety of materials such as concrete, brick, asphalt, timber, clean or primed fibro and properly primed metals. It is supplied in an off white colour with a matt finish to alleviate glare. Insultec Interior can also be tinted in any pastel or mid range color. It adds longer life to the substrates over which it is used. Its heat retaining ability is remarkable with reports, that from any radiated heat source such as open fire, electric fire, etc., the interior temperature is increased by around 10°C.

COMPOSITION Insultec Interior is a water based pure acrylic compound containing inert pigments and special fillers.

PROPERTIES

Coverage	1 litre per 4 square metres of flat area assuming no losses.
Drying time	@ 25°C: Touch dry, 1 hour; Recoat, 4 hours
Component	One component system.
Shelf life	1 year in sealed container, at 25°C.
Wet film thickness	240 microns per coat
Dry film thickness	120 microns per coat
Solids by vol %	50% +/- 1%
No. of coats	One or Two, dependent upon application requirements.
Finish	Matt
Thinners	Water
Cleaning	Insultec Interior is easily cleaned with water when wet. When dry use white spirit.

STORAGE

Protect from heat and frost. Ideal storage conditions are in the shade at ambient temperatures of between 10°C and 25°C.

APPLICATION DATA Stir thoroughly before use. Insultec Interior may be applied by brush, roller or airless spray gun. Equipment may be cleaned with water and dry paint can be removed with solvents.

PRODUCT DATA SHEET *(continued)*
INSULTEC - INTERIOR

PRECAUTIONS Provide adequate ventilation during use. Spray painters should comply with health regulations. Do not use on glazed surfaces unless previously treated. Do not apply if rain is expected or the relative humidity is above 85% or within 3°C of the Dew point.

SURFACE PREPARATION

Prepare surfaces as for normal painting.

Crack in masonry: Insultec Interior can be successfully applied over cracks and small gaps by using a polyester tape pressed into a coat of wet Insultec Interior and then over coated with another coat of Insultec Interior.

Fibro, Masonry: Wire brush or scrape away surface dirt or fungus. Repair surface. Mould, fungus, mildew, algae growth should be treated with a 10% solution of Acticide fungicide. On particularly bad surfaces, it may be necessary to repeat the treatment. **DO NOT WATER BLAST ASBESTOS SURFACES.**

Slate, Tiles: Remove surface dirt by wire brushing or water blasting. Carry out repairs to tiles prior to application.

Unpainted metal surfaces: Remove any rust and abrade to bright metal. Apply a zinc phosphate primer MPC.P.2. Apply a full coat of solvent based metal primer and allow to dry. If the metal is badly corroded, two coats of primer may be needed. Lead or soft alloys can be prepared by using a wire brush to roughen the surface before priming. This treatment is followed by the usual one or two coats of Insultec Interior. Non ferrous metal can be primed with water base metal primer.

New Metal less than 2 years old: Acid etch, rinse thoroughly and follow the steps for unpainted surfaces as above.

Non bleeding asphalt, bitumen and pitch coated surfaces: Apply a bitumen primer such as B1500X Bitumen primer and allow it to dry thoroughly for 24 hours before coating with Insultec Interior.

Painted surfaces: Gloss surfaces should be well sanded to break up the gloss. Any other painted surface should be sound and well bonded to the substrate. Apply Insultec Interior to the prepared surface.

Timber: New unpainted timber should be primed with a wood primer. For previously painted timber, remove flaking and loose paint. Spot prime where necessary (see - painted surfaces).

RESISTANCE

Chemicals: Standard 10% solution of acids and alkalis, including nitric acid and caustic soda failed to cause breakdown of the Insultec Interior.

Impervious to salt spray and shows good resistance to water permeability.

DISCLAIMER

The data contained herein is based upon information which the company believed to be reliable at the time of preparation of this data sheet. No responsibility can be accepted, or any express or implied warranty given where performance of the product is affected by surface preparation, method of application or any other circumstance beyond the control of the company.

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