



LITECOAT DATA SHEET

Description

Litecoat is a structural basecoat render for fibre-cement. It may also be used on brick and block and AAC. It is medium density, high strength, expanded, cement-based plaster containing a lightweight aggregate.

Litecoat contains only natural minerals and additives.

Litecoat is the structural basecoat for the MPT Liteclad System. It is designed specifically for direct application to 4.5, 6.0, 7.5 and 9.0mm fibre-cement sheets.

Features and Benefits

- Easy application and handling.
- Excellent adhesion to fibre-cement.
- Excellent abrasion resistance.
- Excellent solvent resistance.
- A minimum thickness of 10mm can be achieved per application.
- Litecoat does not decompose into hazardous by-products.
- High build can be achieved without slumping.

Limitations and Precautions

- Do not add anything other than clean water.
- Do not add liquating bonding agent.
- Do not add additional water to Litecoat later than two hours after original mixing.
- Apply only when the temperature is between 5° and 30°.
- Do not apply if a sudden temperature drop is likely during drying/cure time.
- Do not apply if humidity is 85% or above.
- Do not apply in hot, dry, windy conditions.
- Plaster must be protected from rain or water in the first 24 hours.

Technical Data

Bag Size 20kg

Dry Times For cutting/scratching: 3 – 4 hours

For re-application: 24 hours

Cool temperatures, high film thickness or high humidity may require longer drying times.

Theoretical Coverage 1m² per 20kg bag @ 10mm thickness

No. of coats 1 or 2 as required @ a minimum thickness of 10mm per application.

Flash Point None

Thinner/Clean up Water

Wash equipment and spills immediately with water.

Ensure washing water does not enter waterways.

Theoretical VOC 1 g/l

Surface Preparation

The surface must be dry. Remove all dirt, dust, grease, loose particles, mould or any other form of contamination from the surface. Any release agents must be completely removed.

Application

Stir the contents thoroughly before and during use.

Apply at a minimum thickness of 10mm per coat.

Surfaces requiring more than 10mm of build-up, may require more than 1 application.

After 1 application and following an initial curing/drying time of at least 3 hours, Litecoat can be cut or scratched to required flatness.

After Litecoat is applied, then apply reinforced fibreglass mesh embedded in Bondcoat. Follow with Skimcoat, then Floatcoat or the chosen MPT plaster finish.

Apply by commercial plastering machines or manual application (drill mixed only).

For Best Results

- Use only high-quality fibreglass mesh that is alkali resistant.
- Use Screed Guides to set levels.
- Do not apply in direct sunlight.
- Check the finished plaster system annually for cleanliness and integrity of the applied finish coatings.

Storage Store in a dry place on dunnage or a pallet, out of direct sunlight and away from moisture for up to 6 months.

Health and Safety (Please refer to the Material Safety Data Sheet before using)

MPT Litecoat is non-flammable, non-hazardous, non-combustible & non-explosive.

KEEP OUT OF REACH OF CHILDREN

Product Number

MPT325

V 2 - 11.15

Please ensure you are referring to the current Datasheet.



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