

TECHNICAL DATASHEET



ISO-THERM BOND

ISO-Therm Bond is a ready mixed, fibre-reinforced adhesive for use with ISO-Therm ultra-thin wall insulation.



ISO-Therm Bond is designed and manufactured for use with ISO-Therm - an ultra-thin, specially woven polyester based material for use as internal wall insulation and damp control. ISO-Therm Bond is a ready-mixed, fibre-reinforced adhesive with enhanced polymer technology to impart a quicker drying rate and give improved early bond strength development with ISO-Therm. ISO-Therm Bond's enhanced-drying polymer technology gives a bond with excellent water resistance, and vibration tolerance is further boosted by KEVLAR type fibre reinforcement.

SURFACE PREPARATION

- All surfaces must be clean, firm and free of dust, dirt, oil, grease and loose flaking coatings.
- Finishing plasters should be at least 4 to 6 weeks old, thoroughly dry and wiped clean of dust, efflorescence and loose flaking material.
- Highly polished (shiny) plaster surfaces should be roughened with a stiff brush or lightly sanded to create a key, then remove all loose fines.
- All porous masonry surfaces should be primed with Wykamol SBR Latex diluted as 1 part to 3 parts with water and allowed to dry.
- Can be applied to brick walls, although this will vastly decrease the coverage area of the product.
- Can be applied to both matte and silk painted surfaces - silk painted surfaces should be lightly sanded to create a key, then remove all loose fines.

APPLICATION

Apply ISO-Therm Bond using standard plastering tools directly onto the prepared surface. All surfaces that will have an application of ISO-Therm insulation must be completely covered in the adhesive. Using a notched 5 mm trowel, give a ribbed mortar bed on the substrate. Tape all joints between rolls of ISO-Therm with extra sticky scrim tape. Allow ISO-Therm Bond to dry for up to 24-hours. Finish with an application of multi-finish plaster directly onto the ISO-Therm.

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APPLICATION CONDITIONS AND LIMITATIONS

- Open time of the exposed ribbed adhesive bed is no more than 30 minutes at 20°C.
- Newly plastered or rendered walls require a minimum of 28-days drying time after initial application.
- If plaster or plasterboards have been treated with a surface biocide, such as MCS1, allow 24 hours drying time when room is of an ambient temperature.
- ISO-Therm Bond should not be applied when the room temperature is below 5°C or likely to be that low in the 24 hours after fixing.
- ISO-Therm Bond adhesive is not suitable for exterior use
- Always use a notched wall trowel to ensure the adhesive bed depth does not exceed 5 mm.
- ISO-Therm insulation should never be spot fixed. Ensure 100% coverage between ISO-Therm Bond and the insulation roll.
- Should further technical advice be needed, please contact the Wykamol Technical Department.

FINISHING

Plastering with multi-finish may proceed as soon as ISO-Therm Bond is sufficiently firm, which depending upon site conditions can be from 24 hours after fixing on porous surfaces such as plaster.

STORAGE AND SHELF LIFE

Store ISO-Therm Bond between 5°C and 25°C, in dry, sealed conditions, off the floor. Shelf life is 12 months when unopened, undamaged and stored correctly.

PACK SIZE AND COVERAGE

PRODUCT CODE	PACK SIZE	COVERAGE
ISOTHERMBOND15	15 kg	up to 7 m ² *

*When fixing on a level, even surface using a 5 mm notched trowel, ISO-Therm Bond will cover at a rate of approximately 2.2 kg/m².

HEALTH AND SAFETY

Always ensure that appropriate PPE is worn when applying this product. Wash hands after use and launder stained clothing. Please also consult the safety data sheet which is available upon request or can be downloaded at www.wykamol.com.



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