SOUDATHERM 330 ROOF

50%
time gain

Adhesive foam for the bonding of roof insulation

SOUDAL

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Soudal (UK) Ltd . Unit A, Tame Park • Vanguard Tamworth B77 5DY • United Kingdom •Tel.: 01827 261 092

SOUDATHERM ROOF 330

ADHESIVE FOAM FOR THE BONDING OF ROOF INSULATION

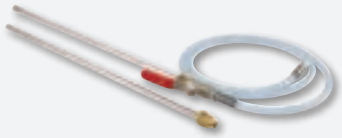
Moisture curing one-component PU adhesive for the efficient, clean, economical and durable bonding of roof insulation panels.

Soudaltherm Roof 330

Soudatherm Roof 330 **Applicator Gun**

Soudatherm Roof
Replacement hose length: 200 cm

Soudatherm Roof **Backpack**



Soudatherm Roof 330 **Applicator wand**

Soudatherm Roof
Cleaning adaptor

Soudal
Gun & Foam Cleaner

Surfaces:
- Insulation on insulation (multi-layer)
- Bituminous roofing felts, sand surfaced or chipped
- Steel roof decks
- Masonry surfaces (e.g. concrete, fibre cement, cellular concrete)
- Wooden boards, hard PVC, plaster, bitumen
- Vapour barriers:
- Even and uneven surfaces
- Also for vertical applications
- Doesn't bond on PE, PP, PTFE
- Always perform a prior adhesion test

Characteristics
- 1 canister can bond up to 120 m² of insulation boards (with Soudatherm Roof 330 Applicator Gun)
- Extreme time saving: more than 50% faster to apply than liquid PU adhesives
- Fast & efficient completion of large scale roofing projects
- Ideal solution for the renovation of old bituminous rooftops
- Resistant to wind uplift (tested by WTCB, BDA)
- Fast curing: fully cured after 1 hour
- Gap filling capacity (up to 1cm under an insulation panel)
- Bigger expansion rate with Soudatherm Applicator Wand
- No solvent content so fully compatible with polystyrene (EPS)
- Safe, no risk of fire
- No hot works
- Adhesive foam is a perfect insulator: also for filling the joints, thermal conductivity: 0.036W/m.K
- Avoids the risk of creating cold bridges
- Flexible once cured, not brittle like traditional adhesives
- No visible mechanical fixations on the inside of a steel deck
- In insulation bonding, the cost per m² is not influenced by the thickness of the insulation
- Economical consumption: can be dosed and applied exactly as required
- No product loss during application; the gun stops the product flow immediately
- Handy backpack: comfortable and easy to use
- Open time: +/- 8 min. (depends on temperature and relative humidity)
- Curing time: 1 hour
- Minimal surface temperature: +5°C; minimal product temp. +10°C (ideally +15°C)

Insulation materials*
- Expanded polystyrene (EPS)
- PIR/PUR covered with: mineral-coated glass fibre, bituminous glass fibre, aluminium
- Mineral insulation boards (e.g. Perlite, Multipor®, Fermacell®)
- Mineral wool

Attention :

MINIMAL TEMPERATURE
- The extrudability and yield of the product are optimal from a canister temperature of +15°C. We advise to warm up the canisters in a warm water tub when the canisters have been stocked too cold. Minimal surface temperature: +5°C

MAXIMAL OPEN TIME
- The boards need to be put and pressed down within the open time of 8 minutes after applying the adhesive.

AVOID WALKING OVER THE BOARDS
- Avoid walking over the boards as much as possible during the first hour after application (especially on uneven surfaces).

AVOID REPOSITIONING THE BOARDS
- If the boards are pulled back, displaced or have been walked over too much (and the adhesive layer is broken), it's necessary to apply extra adhesive to get a good bond.

UNEVEN SURFACES
- On uneven surfaces (e.g. old bituminous roofing felts), more adhesive (e.g. bigger beads of 50mm or beads applied with the Soudatherm Applicator Wand) needs to be applied in order to make sure that there is a sufficient adhesive transfer between surface and insulation panel. At least 40% of the board should be covered with adhesive after pressing it down

STORAGE
- The system can be stored under pressure (with both valves open) for a time span of up to 2 weeks without risk of curing. If the storage period, without use, is longer than 2 weeks, we advise that the system is cleaned completely

CLEANING PROCEDURE
- Attach Soudal Gun & Foam Cleaner to the Cleaning Adaptor and flush the system completely. Detach Soudal Gun & Foam Cleaner immediately after the cleaning session. Make sure no cleaning agent remains in the hose and gun after the session.

* Vapor barriers and insulation panels must be authorized to glue.
See datasheets for authorized materials you want glue.

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