



SOUDATHERM ROOF 170

- Solvent free
- Resist wind uplift - high adhesion
- Ideal for use with mineral wool insulation materials
- Optimum safety - avoids the need for hot works on site



Liquid PU adhesive foam
for flat roof insulation

SOUDAL
www.soudal.com

SOUDATHERM ROOF 170

LIQUID PU ADHESIVE FLAT ROOF INSULATION

SURFACES:

- Bituminous roofing felts, sand surfaced or chipped
- Steel roof decks
- Masonry surfaces (e.g. concrete, fibre cement, cellular concrete), wooden boards, hard PVC, plaster,..
- Insulation on insulation (multilayer)
- On vapour barriers (vapour barrier has to be suitable for bonding – check the technical data sheet):
 - To be tested prior to use or used only with approval of the manufacturer of the barrier (Manufacturers approval required)
 - Sanded bituminous vapour barriers
 - Aluminium coated vapour barriers: only with the approval of the manufacturer
 - For optimum performance and adhesion we recommend using a damp cloth to moisten the surface of the vapour barrier
 - Not suitable for use on vapour barriers containing PP, PE or PTFE (Teflon)
- Always perform a prior adhesion test and make sure the surface is sufficiently attached to the substructure

INSULATION MATERIALS

- Mineral wool
- Expanded polystyrene (EPS)
- PIR-/PUR covered with: mineral-coated glass fibre, sanded bituminous glass fibre, aluminium
- Mineral insulation boards (e.g. Perlite, Multipor®, Fermacell®)
- Consult the insulation manufacturers technical data for confirmation that insulation materials are suitable for bonding
- Always perform a prior adhesion test

CHARACTERISTICS

- Yield: +/- 6m² / kg, minimal 3 to 4 beads / m²
- Curing time: 2 – 6h
- Ready-to-use, 1 component
- Very high bond strength
- Moisture curing
- No solvents, so fully compatible with EPS
- Safe, no risk of fire
- Permanent elasticity, doesn't become brittle
- Minimal expansion, limited gap filling (Soudatherm Roof 250 and Soudatherm Roof 330 are better solutions for uneven surfaces)
- Ideal solution for mineral wool
- For vertical applications, use Soudatherm Roof 250 or Soudatherm Roof 330
- Avoids the risk of creating cold bridges
- No visible interior mechanical fixings when used on steel roof decks
- In insulation bonding, the cost per m² is not influenced by the thickness of the insulation
- Minimal surface temperature +5°C
- Minimal product temperature +5°C (for optimal yield and viscosity)
- Open time : max 30 Min (depends on temperature and relative humidity)
- Packaging: 2,2 kg and 5 kg
- Shelf life: 12 months

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