



SOUDATHERM **250** ROOF



30%
time saving

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.

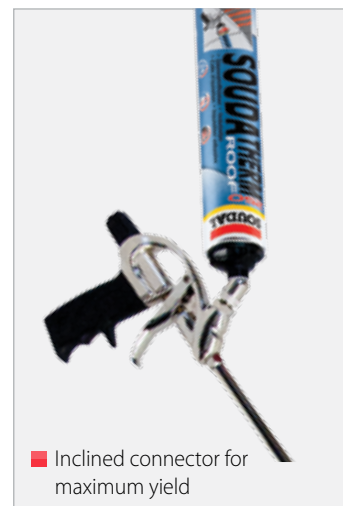
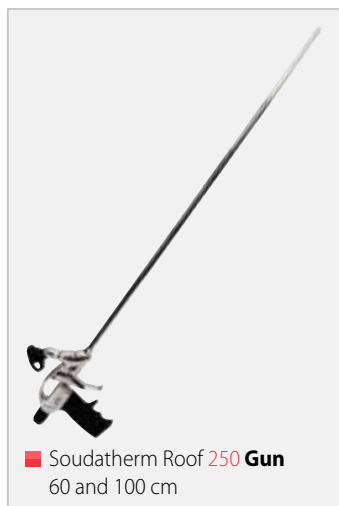
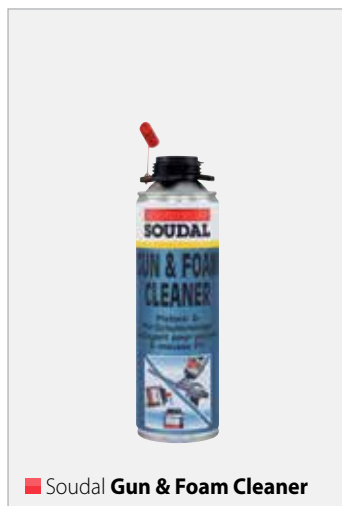
SOUDAL

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SOUDATHERM ROOF 250

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.



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
- Vapour barriers:
 - Check the technical data sheet of the vapour barrier to make sure it is suitable for insulation bonding
 - To be tested prior to use or used only with approval of the manufacturer of the barrier
- Bituminous vapour barriers
- Aluminium coated vapour barriers (Manufacturers approval required)
- For optimum performance and adhesion we recommend using a damp cloth to moisten the surface of the vapour barrier prior to applying Soudatherm 250
- Not suitable for use on vapour barriers containing PE, PP or PTFE (Teflon)
- Suitable for vertical applications e.g. Upstands
- Suitable for use on both even and uneven surfaces
- Suitable for bonding insulation on insulation e.g. in multi-layer and tapered systems

INSULATION MATERIALS::

- Expanded polystyrene (EPS)
- PIR/PUR covered with:
 - mineral-coated glass fibre
 - bituminous glass fibre
 - aluminium
- Consult the insulation manufacturers technical data for confirmation that insulation materials are suitable for bonding
- Mineral insulation boards (e.g. Perlite, Multipor®, Fermacell®)
- Mineral Wool (Soudal recommend Soudatherm 170 for improved performance when bonding Mineral Wool)
- Always perform a prior adhesion test

RECOMMENDATIONS:

- Insulation panels can be placed for up to 8 minutes after applying the adhesive
- If insulation panels are moved or displaced during curing more adhesive will be required to ensure the panels are bonded sufficiently. Soudatherm Roof 250 is applied using the re-usable Soudatherm Roof gun, available in 600ml and 1m sizes both with offset valves for optimal yield
- After application just lock the gun and that's it!

- Once attached to the gun Soudatherm 250 can be stored under pressure with the gun locked for up to 4 weeks, for longer periods Soudal recommend cleaning the system completely
- Cleaning procedure: Flush the gun completely by attaching Soudal gun and foam cleaner to the valve on the gun. Do not store the gun with Soudal gun and foam cleaner attached. Ensure there is no Soudal Gun and Foam cleaner remaining in the gun prior to storage or next use.
- Ensure suitable personal protective equipment is worn when applying Soudatherm 250

CHARACTERISTICS:

- Bonds 10-12m² of insulation
- Over 30% faster than liquid PU adhesives: Complete projects quickly and efficiently
- Fast & efficient completion of roofing projects
- Ideal solution for the renovation of old bituminous rooftops
- Fast curing: fully cured after 1 hour
- Precision control and application using the Soudatherm Roof Gun
- Minimal Waste: No product loss during work interruptions using the Soudatherm Roof Gun
- Maximum Coverage: The offset valve of the Soudatherm Roof Gun ensures optimal yield
- Cold applied: No hot works on site.
- No perforation of surface or vapour barrier
- Avoids the risk of creating cold bridges
- No odour, noise, dust, vibration or naked flame required when using Soudatherm 250
- No visible interior mechanical fixings or damage to the substrate
- In insulation bonding, the cost per m² is not influenced by the thickness of the insulation
- Gap filling properties on uneven surfaces
- Suitable for vertical applications e.g. Upstands
- Joint filling: Soudatherm 250 is a perfect insulator, thermal conductivity: 0.036W/m.K
- Resistant to wind uplift (tested by WTCB, BDA)
- Flexible once cured, not brittle like traditional adhesives
- Solvent Free and fully compatible with polystyrene (EPS)

- Open time: +/- 8 min. (depends on temperature and relative humidity)
- Curing time: Up to c.1 hour (depends on temperature and relative humidity)
- Surface temperature: above 0°C
- Product temperature (can): minimum +5°C, ideal above +10°C (for optimal extrudability and yield in m²)
- Size: 800ml
- Shelf life: 18 months

For further information please consult the technical data sheet.

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