

Airstop Isowindow Foam

**AIRTIGHT, PERMEABLE
& RESISTANT TO RAIN**

DESCRIPTION

Airstop Foam is a specially formulated high density open cell PU foam. Designed primarily for use around window frame openings. But also Ideal for sealing difficult areas such as pipe penetrations and irregular shaped openings. Sealing of construction details with high movement, while achieving an airtight, rain resistant and permeable (independently tested). Bonds well with all conventional construction materials, such as concrete, brickwork, wood, metal, plastic, rigid PVC, PE, etc.. Resistant to heat, water and numerous other chemicals. **Airstop Foam** is considerably denser than other non-airtight foams available on the market. Due to the composition of **Airstop Foam**, better insulating properties are achieved than other PU foams. Around window and door openings, it should ideally be used with [Airstop window tapes](#) to achieve professional results and higher moisture control as well as performance and air-tightness. Due to its open diffusion cell structure, it can be safely used around timber frames and timber elements, such as rafters.

BENEFITS/USAGE

- Free from CFCs, HFCs and HCFCs
- Absorbs 300 times more movement than normal PU-foam
- Sound and heat insulation
- For airtight joints
- Easily cut
- Vapour permeable
- Safety Valve
- Airtight and resistant to driving rain
- For gaps in building components with high movement absorption requirements

PREPARATION

Any surface being adhered to should be properly prepared. Loose debris should be removed.

APPLICATION

Moisten construction components and any existing foam with clean water. Shake can well before use. Gaps over 30mm must be filled in layers and moistened in between. Window frames should be mechanically secured. The processing guidelines must be observed

PROPERTIES

Composition	1-component PU-foam
Thermal Conductivity	0.035 W/mK
Sound Proofing	10mm 60dB 20mm59dB
Fire Class	E EN13501-1
Tensile Strength	6.5 N/cm ²
Elongation at Tear	25-28%
Shear Strength	3.4N/mm ²
Temperature Resistance	-40°C to +80°C 104°F to + 176°F
Working Temperature	From 5°C + 30°C 41°F- 86°F
Tack-free (20mm strand)	After 7 - 11 minutes
Cut (20 mm strand)	After 10 - 14minutes
Full Stress-ability (20mm strand)	After 24 hours
Density (foamed gap)	13-15 kg/m ³
Storage	12 months, cool, dry, upright, frost-free
Can Content	700ml
Carton Content	12 cans
Driven Rain Test	EN 1027 / EN12208 P _{max} 600Pa ₁ (0A-9A) 9A - Achieved
Air Permeability Test	EN 1026 / EN12207 600Pa (1-4) Class 4 - Achieved



**SAFE TO USE ON TIMBER
FRAME/ELEMENTS**



PU Foam Gun

- For use with Isocell Airstop Foam as well as other PU Foam canisters
- Made from all steel components
- Fine adjustment allows precise & controlled release of foam allowing the operator to apply fine beads around difficult to seal areas such as penetrations & openings
- Comes with two applicator extensions & two coned nozzles



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