ProTech Global

Technical Data Sheet

ProBand 60

The self-adhesive mechanical fixing solution

Product Description

Pro-Band is a self-adhesive insulation banding solution, designed and engineered to create an external mechanical fix for insulated ducting systems. Pro-Band is a premium grade insulation strapping tape with an all-weather solvent acrylic adhesive that is UV and weather resistant for up to 6 months.

Features

- High performance adhesive offering a strong adhesion to the foil faced insulation system
- Exelent tensile strength offering a secure tested system
- Highly visable colour to ensure visability on a reflective surface
- Excellent mid term weather resistance

Product Data

Item	Value	Description
Tape Thickness	38 micron	ASTM D 3652
Adhesive Thickness	35 micron	ASTM D 3652
Adhesion to Steel	18N / 25mm	ASTM D 3330
Tensile Strength	80N / 25mm	ASTM D 3121
Elongation	40%	ASTM D 3759
Service Temperature	-30 / +100C	

Product Characteristics

- Red finish
- Self-wound tape
- Available in 60mm x 50m rolls

Typical Applications

Pro-Band has been designed and engineered to assist in the mechanical fixing of external insulated ducting systems, providing an independent solution on the outer surface of the duct-work. Pro-Band has been tested to withstand wind loads of up to 100mph using the current specified external insulation systems on rectangular ductwork.

Pro-Band is to be installed directly over the foil faced insulation boards circumferentially with a 100mm overlaps. The bands should overlap without creasing to ensure full adhesion to the substrate and to avoid creasing in the banding. End caps / directional changes should also be considered where a full band is incomplete. (Please contact a member of staff for further details).

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Storage / Shelf Life

12 months when stored in original, unopened packaging stored below 30˚C / 50% relative humidity and kept out of direct sunlight.

Directions For Use:

Surface Preparation

Ensure all surfaces are dry and clean, free from dirt, dust, grease, oil and silicones.

Align the tape circumferentially to ensure a uniform fit so that the overlaps can be joined creating a complete band.

Ensure firm pressure is applied to the tape to provide the best adhesive bond, and that sufficient overlap is observed (of at least 100mm) onto the next piece to ensure the required seal.

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About ProTech Global Ltd

ProTech Global Ltd is a UK based company that manufactures weather protection and self-adhesive sealing solutions. With many years' experience in differing types of protection scenarios, ProTech Global Ltd has a reputation as a trusted supplier and partners with many corporations worldwide.

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