Pro-Band60

The self-adhesive mechanical fixing solution

The PRO-Band60 is a strong banding tape to be used over insulation materials to both square and circular duct providing additional fixing to enable longer lasting systems reducing the effects of air leakage to insulation as well as stresses of wind load to external installed systems.

Installation Guidelines

Surface Preparation

Ensure all surfaces are dry and clean, free from dirt and dust, grease, oil and silicones. The insulation materials should be installed to meet the requirements of BS5970.
The use of stickpins with the underside insulation is recommended and good practice along with Pro-Band60.

Application to Ductwork

Rectangular & Circular Ducting

Install the insulation as required to the ducting ensuring if required all joints are sealed using an approved aluminium foil tape. If metal angles are to be used during the installation install these over the insulation and fix in place.

It is recommended that Pro-Band60 is installed every 400mm across the length of the installed insulation to the ducting for ducts up to 1000mm wide, above 1000mm we advise installation at 300mm intervals across the installation.

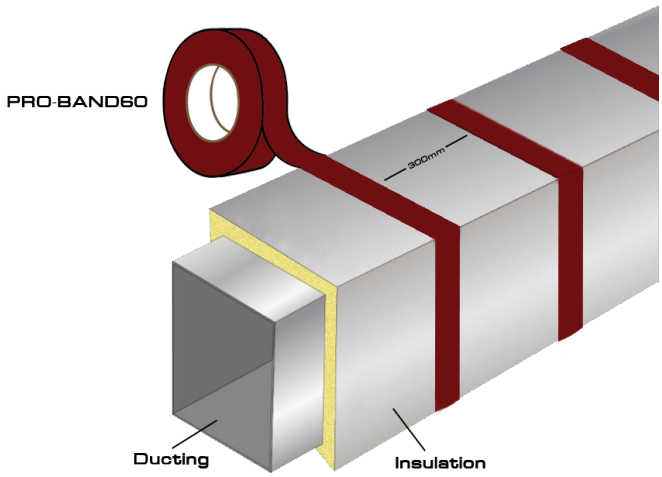
There are two application method options of Pro-Band60 for rectangular ducting as follows:

Application Method 1

Pro-Band60 can be wrapped in a single application around the insulated duct.

- Place the Pro-Band60 on to one side of the insulation and apply in a straight line to the first corner of the duct.
- Rub the Pro-Band60 firmly down on to the surface.
- Continue applying Pro-Band60 across to the next side of the duct into the corner and rub in place.
- Continue down the 3rd side of the duct to the corner and rub in place.

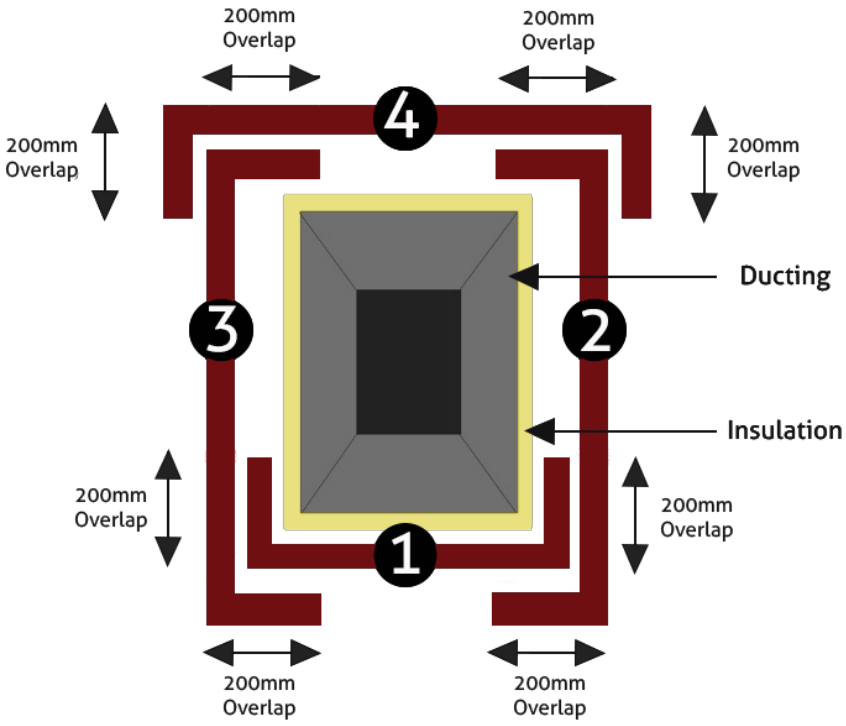
- Finally apply Pro-Band60 to the underside of the duct across to the corner and up the side to meet the initial starting point, overlap by 200mm.



Application Method 2

- The Second application can be carried out by applying a single strip to each side staring from the bottom and overlapping each side of the duct by 200mm, rub firmly in place to ensure full surface contact.

- Continue applying further strips of Proband60 with a 200mm overlap on to the previous piece and next side of duct until all four sides are complete.



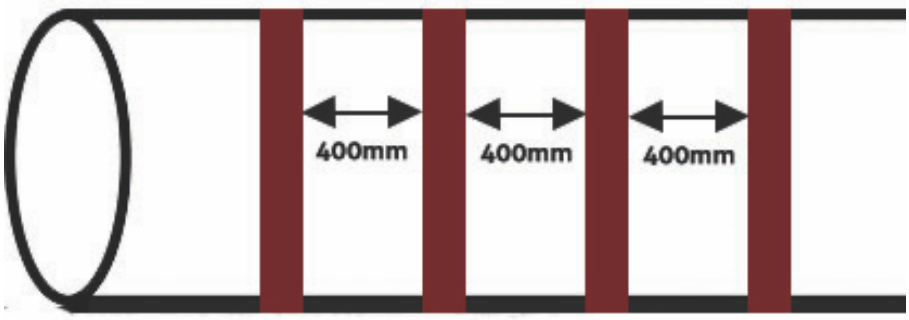
- When it comes to cap ends of the duct then the overlap to the top and bottom should be 500mm ensuring there's a strip approximately 150mm in from the end of each side of the duct

- On ducts over 1000mm then a further 3rd strip in the middle of the cap end is required.
- The diagram shows the recommended strip application order.

Application to circular duct

- Proband60 should be applied in a single strip method, place the tape on to the insulation and wrap around the insulation and overlap on to the starting point by 200mm.

- It's recommended to apply further strips every 400mm until the installation is complete.



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.