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Product Data Sheet PDS056: Acoustic Separation Tape and Airtight Tape

1 Product description

Acoustic Separation Tape is a self adhesive paper tape with a waxed surface on one side and a narrow self adhesive strip on the reverse.

Acoustic Separation Tape prevents the Acoustic Joint filler and Acoustic Topcoat bonding to adjoining surfaces.

Acoustic Airtight Tape provides a tear resistant, flexible airtight seal around light fittings, air conditioning ducts and other fixtures and fittings when installing the Armourcoat Acoustic system.

Acoustic Airtight Tape is a flexible fabric reinforced plastic tape coated with pressure sensitive adhesive for good adhesion to most surfaces.

2 Usage

Acoustic Separation Tape should be used when applying the Armourcoat Acoustic Plaster System directly up against adjoining surfaces, such as plastered walls or joinery work where a shadow gap is not being used.

Armourcoat Acoustic Plaster System has to be porous to allow a passage of air so that the sound energy can be transmitted through the plaster surface and absorbed in the mineral layer below.

It is necessary for the air to pass into the material but it is not desirable for the air to pass through the system into the void behind. For suspended ceilings it is therefore necessary to create an airtight seal around all fixtures and fittings to prevent airflow between the room and the ceiling void as this will lead to isolated areas of discolouration.

The discolouration occurs if air is constantly passing through the Armourcoat Acoustic Plaster System and the fine particles of dust in the air are filtered by the surface of the Armourcoat Acoustic Plaster System to leave a dust residue on the surface.

3 Dimensions

Acoustic Separation Tape is a 65mm wide paper tape.

Length - 50m per roll

Acoustic Airtight Tape is 60mm wide with 40/20 fold for sealing at right angles.

Length - 25m per roll

4 Suitable products

Acoustic Separation Tape - Knauf Trennfix 65

Acoustic Airtight Tape - Isocell Airstop Flex tape 40/20 or Siga Wigluv 40/20

5 Installation

Acoustic Separation Tape: Ensure the surface is dry and free of dust. Fix the tape in place ensuring that it will sit below the final finished layer. On completion of the final finish coat any excess tape can be trimmed off with a sharp blade.

Surfaces to which the Acoustic Airtight Tape is being adhered must be dry and free from dust and grease. If the surface is dusty or friable, it is advisable to apply a primer first. A firm pressure is required and the greater the pressure applied the better the adhesion.

6 Packaging and storage

- single roll or 10 rolls per box
- both tapes can be stored for up to 2 years or more under dry conditions. Do not store in direct sunlight.

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