



# INS AC110 THERMAL ACOUSTIC WRAP

A cold adhesive nitrile laminate is bonded to a layer of viscoelastic butyl with a mylar foil finish. An easy peel release paper is formed to protect the self-adhesive backing.

## Product Features

- A highly adhesive butyl and nitrile rubber
- Excellent weather, acoustic and water resistance properties
- A self-adhesive wrap material that is easy to apply, puncture and tear resistant, convenient and provides excellent acoustic results

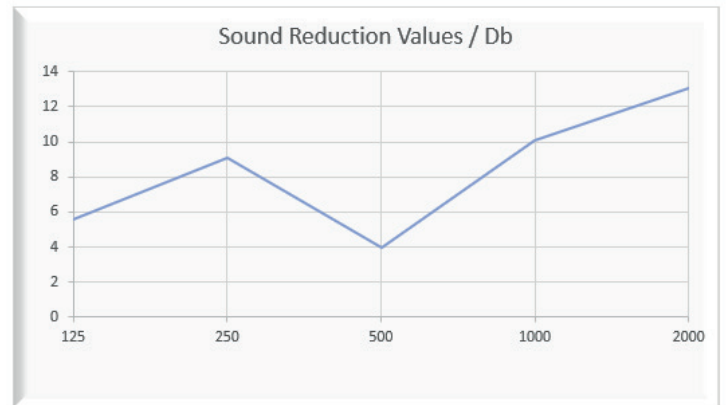
## Application

- When applying INS AC110 thermal acoustic wrap, ensure that the surface is clean, dry, and free of surface moisture
- Cut the bonded layers to the specific size required
- Remove the easy peel release paper from the INS AC110
- For perfect adhesion, press material firmly to the substrate using hand pressure or a roller. This will ensure best results and minimize creasing
- Recommended minimum overlap of 40mm

## Description

INS AC110 is a self-adhesive membrane supplied on a lightweight roll. It is intended for use on rainwater and soil pipes in temperatures not exceeding +90°C. It adheres to a wide range of conventional building materials, including PVC and steelwork. INS AC110 is provided ready to use, requires no curing or drying time, and produces an immediate bond around pipes. The butyl glue creates a barrier that keeps any possible moisture accumulation at bay. It is incredibly thin and can be utilized in confined spaces.

Product Characteristics	
Colour	Mylar Finish
Composition	Mylar Foil/ Butyle Adhesive/ Nitrile Foam
Product Size	5m x 500mm x 4.5mm



PROPERTY	VALUE
Application Temperature	+5°C to +50°C
Service Temperature	-4°C to +85°C
Thermal Conductivity $\lambda$ W/(m·K) (Nitrile)	Thickness < 25mm -20°C = 0,031 0°C = 0,033 +20°C = 0,035 +40°C = 0,037
FIRE RATING INS AC110	
Fire Rating (Nitrile)	B-s3, d0 Class 0
Fire Rating (Butyl)	Classification: Class A Flame Spread 1.5 Smoke Development 3.7

## Acoustic Performance

Independently tested in accordance with ISO 10140-2 weighted sound reduction index of up to 30db (dependent on system design and assembly). For further information and advice contact Technical Services.

