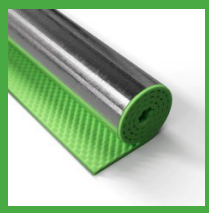
australia pty ltd.
thermotec

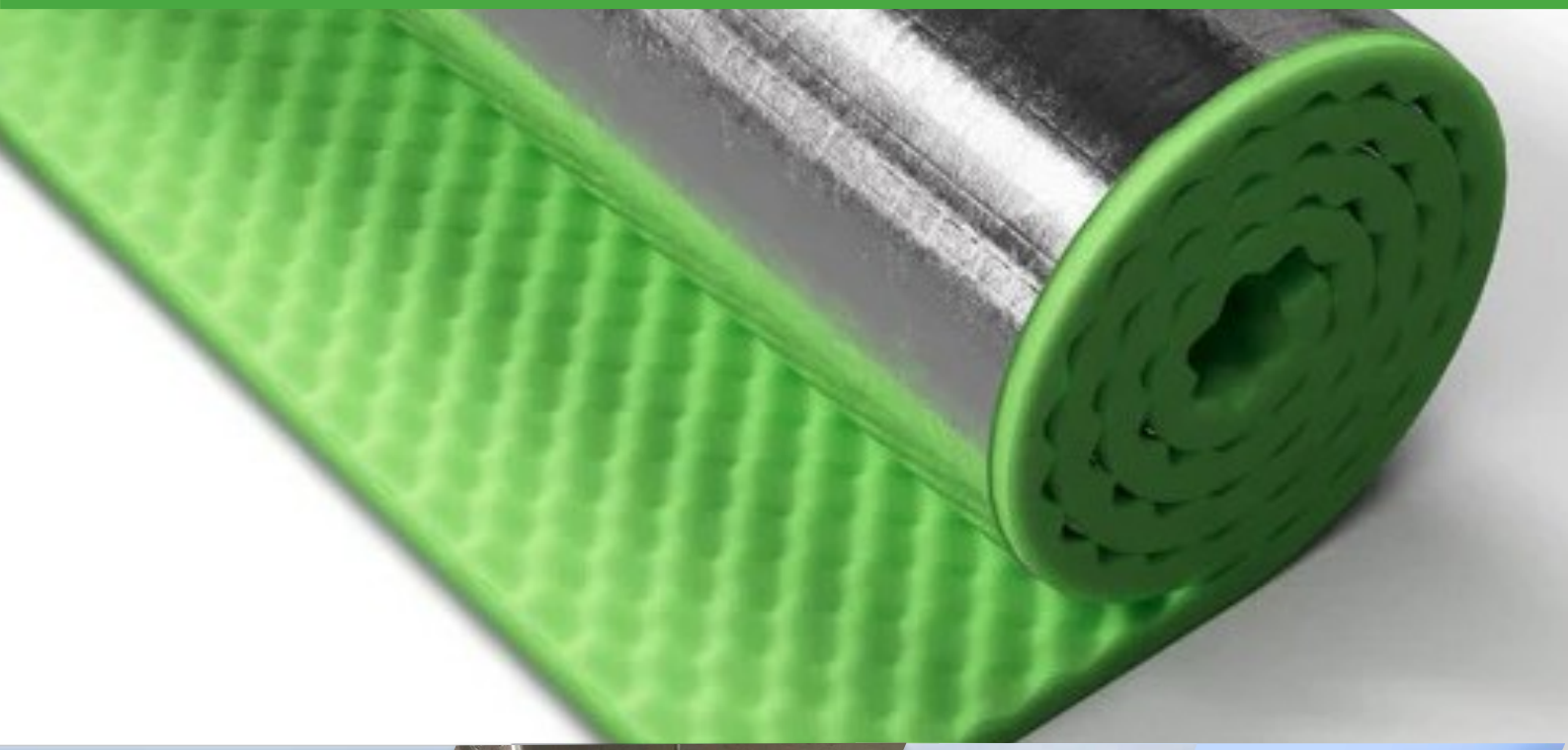
NuWrap 5®

ACOUSTIC PIPE INSULATION

PRODUCT BROCHURE

- Exceeds NCC requirements
- Exceptional performance
- Easy application
- Safe fibre free product
- Convoluted foam
- High Quality
- AS/NZS 1530.3 compliant
- Low VOC
- Australian made





AUSTRALIAN MADE

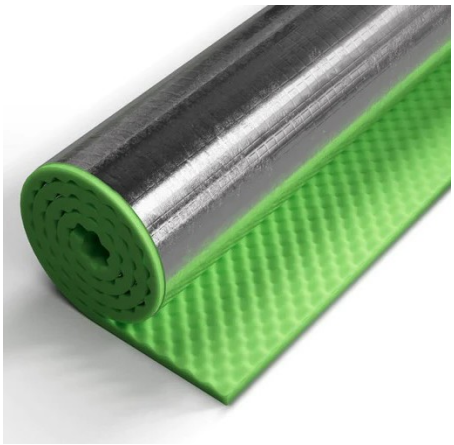
"Delivering Australian made insulation excellence for 37 years"

thermotec.com.au | 168 Carrington Street Revesby NSW 2212 | customerservice@thermotec.com.au | 1300 727 083

Thermotec NuWrap 5 is a highly flexible acoustic pipe insulation product formulated with the latest visco-elastic polymer technology. It is faced with a reinforced fire resistant aluminium foil and bonded to a high performance acoustic foam. NuWrap 5 is suitable for waste pipes, ductwork and a wide range of applications.

Typical Applications

- Hospitals and Aged Care facilities
- Hotels and Entertainment facilities
- Commercial buildings
- Residential construction
- Multi level unit construction
- Luxury accomodation construction
- Hydromechanical acoustics
- Pipe lagging
- Pipe insulation
- HVAC insulation and acoustic barrier



NuWrap 5® Details

NuWrap 5 Rolls	5 m Full Roll	3 m Full Roll	5 m Half Roll
LAmax	36	36	36
SEL	42.8	42.8	42.8
Thickness mm	25 mm	25 mm	25 mm
Width mm	1350 mm	1350 mm	675 mm
Weight kg	33.75	20.25	16.88
Operating Temp range (0C)	100	100	100
Low VOC & ODP-EMI4 - ASTM D5116	Yes	Yes	Yes
Australian made	Yes	Yes	Yes

NuWrap 5® Performance

Construction	LAmax	SEL
Bare Pipe with Rw+Ctr 40 wall	37.7	44.5
Pipe Lagged* with 5kg/m2 NuWrap 5®	36.0	42.8

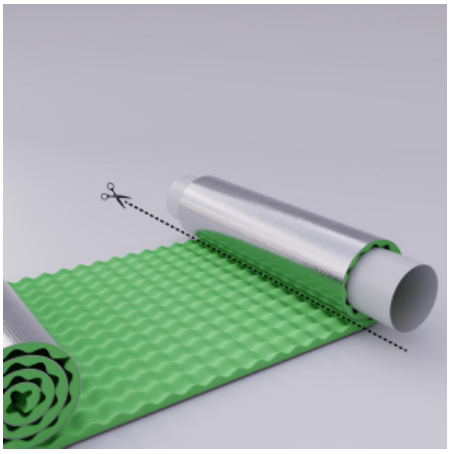
*25 mm foam and a wall thickness of 10mm Plasterboard Comparison of Measured Noise Levels -dBA NCC Acoustic Comparison Test RWDI #2400506

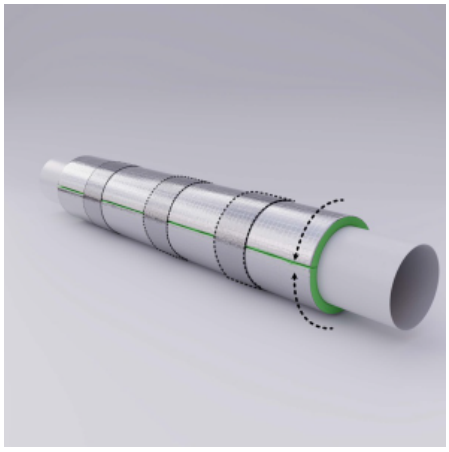
Therefore, based on the comparative noise testing, the treatment of wastewater pipework with NuWrap 5 pipe lagging in combination with 10mm plasterboard ceiling complies with the provisions of section F7F1 of "The National Construction Code" 2022 Volume 1 - Building Code of Australia 1st May 2023.

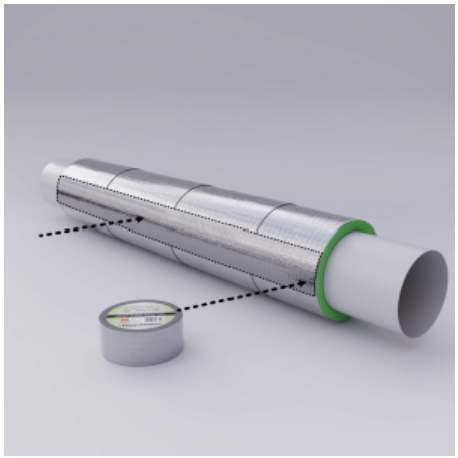
NuWrap 5® Testing

Test Method	Index	Results
AS1530.3 (Report Number 23-004376) Foil faced	Ignitability	0
	Spread of Flame	0
	Heat Evolved	0
	Smoked Developed	0-1

Easy to Install







NuWrap 5 Product Construction

Thermotec NuWrap 5 combines our manufactured MLV barrier with an acoustic foam and foil facing, using the latest lamination technology to create a product that is a unique hybrid composite, providing a high performance, high flexibility acoustic pipe lagging solution.

Performance is the result of combining a convoluted 25mm acoustic foam in conjunction with a loaded, high mass, hybrid polymer material that is faced with a reinforced aluminium foil that gives the product additional strength as well as outstanding fire resistance characteristics.

What to Specify

The acoustic insulation for waste and stormwater pipes will be specified as Thermotec "NuWrap 5" with a nominal weight of 5 kg / m2.

The NuWrap 5 shall consist of a 25 mm open cell hybrid convoluted acoustic foam, laminated to a visco-elastic barrier and with an outer reinforced aluminium foil facing.

The lagging must demonstrate GreenStar, Green Building Council and Dubai Municipality low VOC requirements and be able to operate continuously at a maximum temperature of 120 degrees Celsius.

AUSTRALIAN MADE

"Delivering Australian made insulation excellence for 37 years"