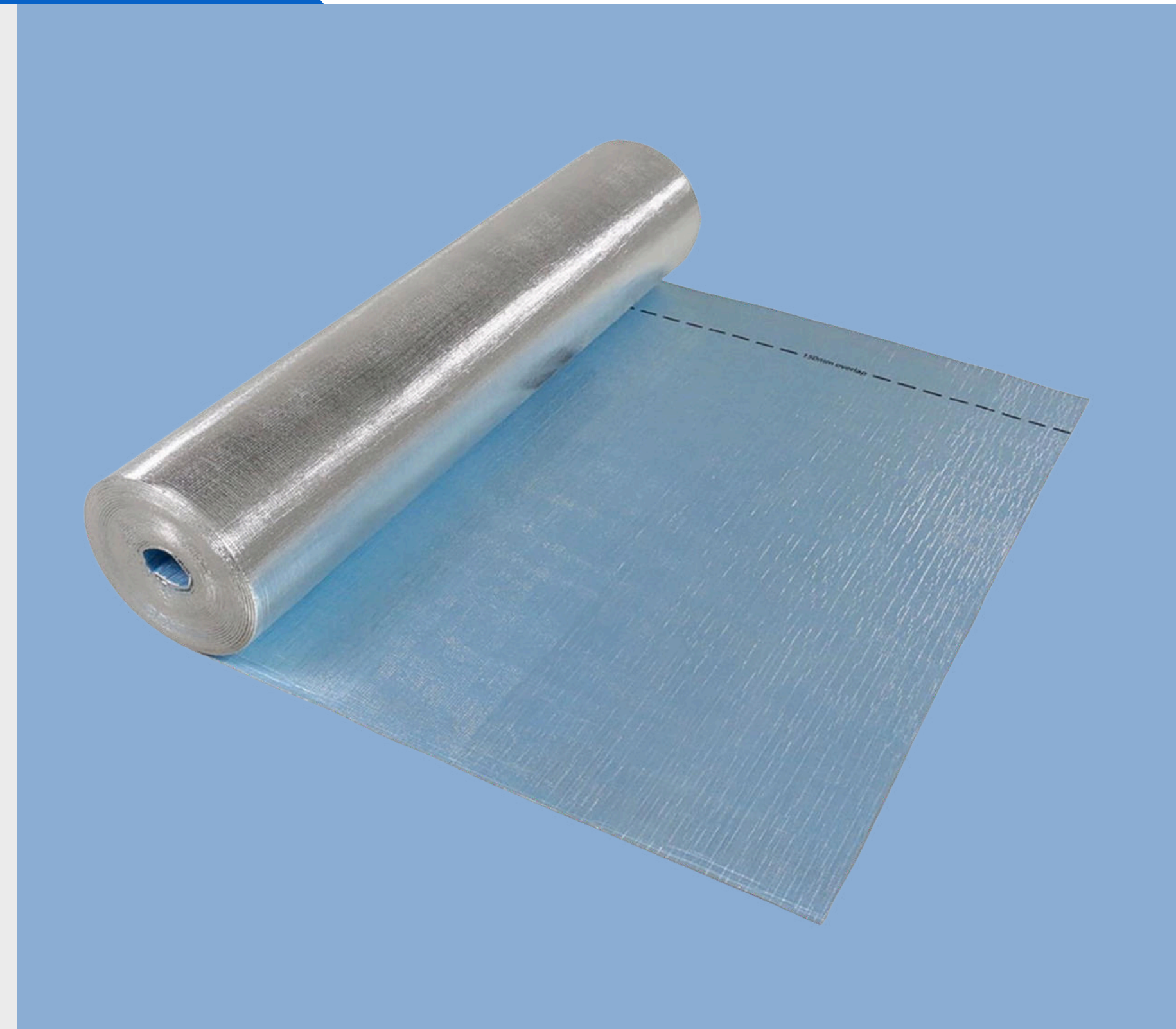


Ecotherm

PRODUCT DESCRIPTION

Ecotherm is an Extra Heavy Duty, fibre-free reflective insulation that functions as a three-in-one thermal break, concrete curing blanket, and medium vapour barrier. Designed to mitigate thermal bridging and reduce temperature fluctuations during concrete curing, Ecotherm meets the NCC in-situ R-value of R0.20—making it ideal for critical slab and foundation applications.

Featuring a closed-cell XPE foam core with dual foil facing and a 150mm integrated flap, Ecotherm delivers exceptional performance under rugged site conditions. It is rigorously tested to AS/NZS 4859.1:2002/Amdt 1:2006 standards, ensuring dependable insulation and curing support.



FEATURES & BENEFITS

- Fibre-free for cleaner, safer installation
- Maintains consistent curing temperatures
- Integrated 150mm flap for seamless roll overlap
- Highly durable and weather-resistant
- Anti-glare foil on one side for easy handling
- Fully compliant with AS/NZS 4859.1:2002/Amdt 1:2006
- Proven R0.20 in-situ thermal break rating

APPLICATIONS

- Concrete curing blanket for slabs and foundations
- Thermal insulation in concrete pours under changing temperature conditions
- Concrete protection in civil, commercial, and infrastructure applications

PACKAGING & AVAILABILITY

Product Code	Description
111063	Insulation Ecotherm Foil Coated 1.35m x 22.25m, 7mm Thick

TECHNICAL SPECIFICATIONS

PHYSICAL PROPERTIES

Property	Value
Material Composition	Aluminium foil, XPE foam, polymer film layers
Total Thickness	7.8 mm
Roll Size	1350 mm x 22.25 m + 150 mm flap (30 m ²)
Nominal Weight	13 kg
R-Value (Uncompressed)	R0.21
R-Value (Compressed)	R0.20
Vapour Barrier Class	Medium
Surface Finish	Anti-glare foil + plain foil
Standards Compliance	AS/NZS 4859.1:2002 / Amdt 1:2006

INSTALLATION INSTRUCTIONS

1. Place Ecotherm flat over the concrete surface immediately after finishing
2. Ensure the anti-glare side is facing upward
3. Overlap rolls using the built-in 150mm flap
4. Anchor as required to prevent displacement
5. Remove once curing objectives are achieved

SAFETY

- Non-toxic and fibre-free
- Suitable for manual handling without PPE
- Avoid open flames during use or storage