Contact Us

For more details on PolyX PolyShield™ Roofing Insulation, contact us:

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BY PolyX Global

PolyX PolyShield™ ROOFING INSULATION

Premium Performance for Comfort, Efficiency and Protection

- Australian Owned with 15 Years Warranty
- Helps achieve a 6 Star Energy Rating
- Reduces Handling, Storage & Transport Costs
- Significantly Reduces Energy Costs
- Made from 100% Recyclable Materials
- Waterproof & Pest Proof
- Easy & Safe to Install with no PPE
- Easy Section J compliance

Premium Performance for Comfort, Efficiency and Protection

Why Choose PolyX PolyShield™ ?

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- **Superior Thermal Insulation:**
  Keeps your space cooler in summer and warmer in winter.
- **Effective Condensation Control:**
  Prevents mould and structural damage.
- **High Acoustic Performance:**
  Reduces external noise, including rain impact
- **Fire-Resistant:**
  Meets strict safety standards for added protection
- **Eco-Friendly:**
  Made from 80% recycled glass, reducing environmental impact

Key Features & Benefits

Thermal Performance

- Minimises heat transfer for year-round energy efficiency
- Certified to AS/NZS 4859.1:2018 thermal resistance standards
- Helps reduce heating and cooling costs

Fire Safety

- Non-combustible glass mineral wool composition
- Compliant with AS/NZS 1530.3 fire safety standards for insulation materials:
  - Ignitability Index: 0
  - Spread of Flame Index: 0
  - Heat Evolved Index: 0
  - Smoke Developed Index: ≤ 2
- Compliant with AS/NZS 1530.2 for reflective foil facings:
  - Flammability Index: ≤ 5 for added safety
- Tested to AS 5637.1 and achieves Group 1 classification for all applications.

Condensation Control

- Prevents moisture buildup, protecting your roof structure
- Fully compliant with NCC 2019 & 2022 Volume 1 & 2 for condensation management
- Water vapour absorption: <0.02% by volume (ASTM C1104 tested)

Acoustic Performance

- Significantly reduces external noise, including rainfall on metal roofs
- Enhances Weighted Sound Reduction Index (Rw) for improved comfort

PREMIUM QUALITY

ECO FRIENDLY

Thermal Resistance Standards
AS/NZS 4859.1
CERTIFIED

Fire Safety Standards
AS/NZS 1530.3
COMPLIANT

Condensation Management
NCC 2019 & 2022
COMPLIANT

easysave

Key Features & Benefits

Durability & Handling

- Low dust and irritation, making installation easy and comfortable
- High tensile strength ensures long-lasting performance
- Maximum service temperature: 350°C
- Moisture absorption: <5% by weight under 50°C & 95% relative humidity

Sustainability & Environmental Impact

- Manufactured with 80% recycled glass & bio-soluble fibres
- Free from ozone-depleting substances, promoting sustainable construction
- Meets AS3959 BAL 12.5-40 standards for bushfire-prone areas

Installation & Compliance

- Fully compliant with AS/NZS 4200.1 for reflective insulation performance
- Designed for residential, commercial, & industrial roofing applications
- Easy to install – ensure correct placement for optimal efficiency

PREMIUM QUALITY

Bushfire-Prone Standards
AS3959 BAL 12.5-40
COMPLIANT

Reflective Insulation Standards
AS/NZS 4200.1
COMPLIANT

Product Specifications

Thickness (mm)	R-Value	Width (mm)	Length (m)	Area per Pack (m²)
60	R1.3	1200	15	18.0
80	R1.8	1200	15	18.0
100	R2.5	1200	10	12.0
130	R3.2	1200	5	6.0