

Product Information

Polyshield Select 80+ is a leading double sided super premium reflective insulation made of two pure aluminum foils (optional reinforced net), covering white or clear 8.00 mm bubbles (30 mm diameter). Both aluminum foils come with 3% emissivity (tested to ASTM standards) and 97% reflectivity, for an effective reduction of radiant heat. The big 8.00 mm bubbles provide excellent as a barrier to conduction and convection heat, as well as noise reduction cushion. Ideal for metal roof, tiles, shingles and many more.

Select 80+

Structure of Insulation

A double sided high performing reflective insulation made of two pure aluminum foils covering 8.00 mm height strong air bubbles.



- 1 High purely low-e aluminum facing
- 2 Poly backing
- 3 8.00 mm Thermally insulating air-bubble layer
- 4 Poly backing
- 5 High purely low-e aluminum facing

OPTIONS

- Fire Retardant - BS476 Part 6 Class 0
- Reinforced Net - AS/NZS 1530.2
- Heavy Duty - SIRIM / CIBD Approved
- Anti-Scratch - Big Bubbles



97%

UP TO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)



Example of Polyshield Select 80+ Thermal Performance

The R values shown are based on average roof profile with average of 30-50mm top air gap

	Unit	
	M ² x C/W	Btu x in / (hr x ft ² x F)
Residential Roof		
- Tiles	2.85	16.25
- Metal	3.25	18.53
Metal Commercial Roof		
- Low Pitch with ceiling	3.45	19.67
- Low Pitch without ceiling	2.25	12.83
Concrete Commercial Roof		
- Low Pitch with ceiling	3.55	20.24
- Low Pitch without ceiling	2.35	13.40

The values shown here are based on the system R value.

Polyshield Select 80+ Specifications:

Thickness (nominal)	mm	± 8.0
Bubbles Diameter	mm	30
Emittance (ASTM)	%	3 to 5
Reflectivity (ASTM)	%	95 to 97
Foil Thickness	μ	7 to 20
Foil Purity	%	>99
Weight (nominal)	gsm/m ²	± 300
Standard Roll Size	m x m	1.20 m x 30 m
Effective Coverage	m ²	36
Standard Roll Weight (Gross)	kg	± 10,80 kg
Roll Diameter	mm	± 550

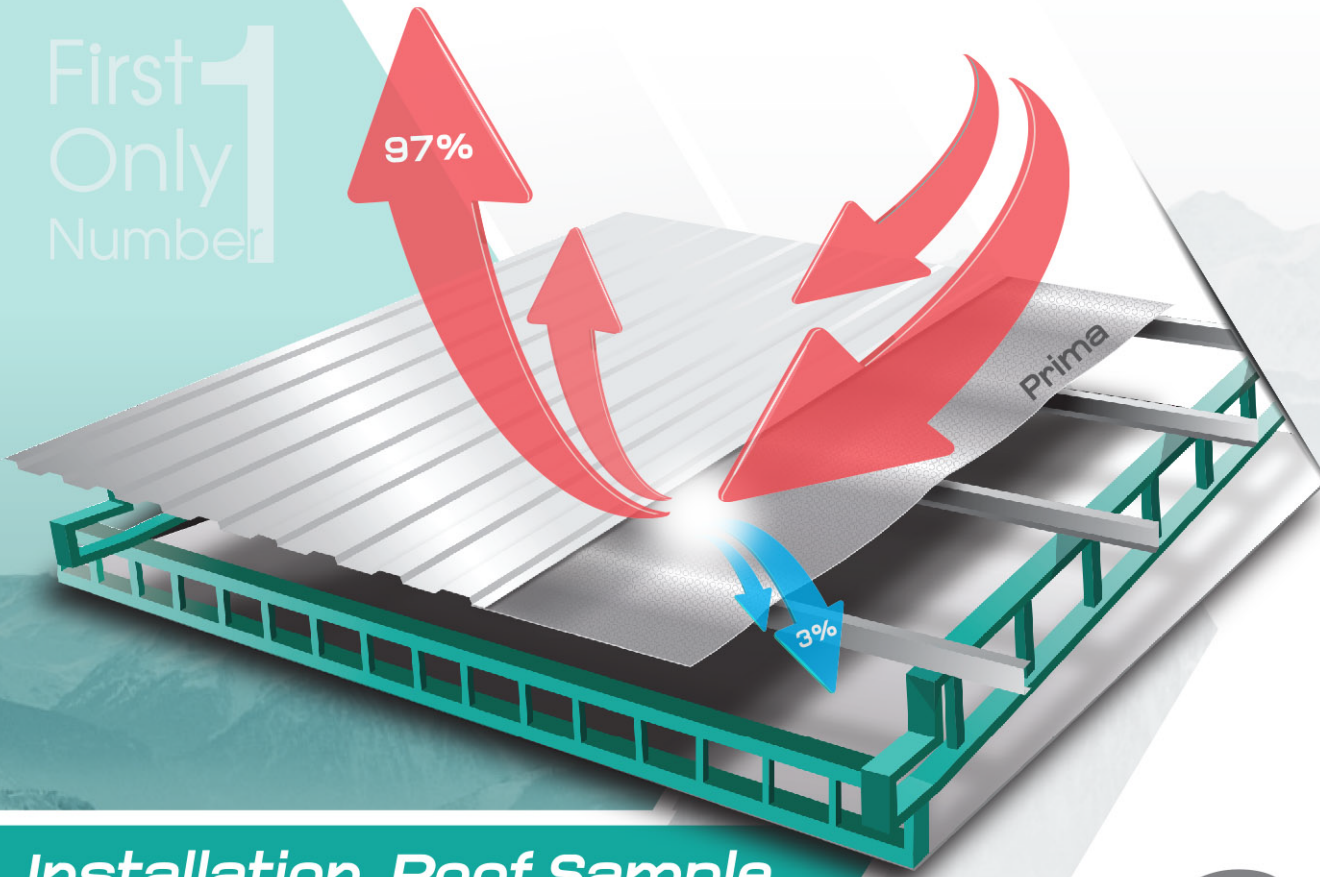
Reflective insulation solution you trust



Select 80+

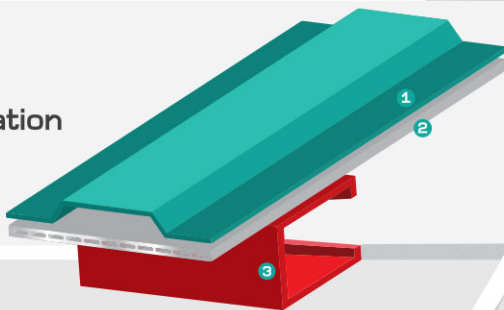


First
Only
Number



Installation Roof Sample

- 1 Roof
- 2 Insulation
- 3 Beam



97%

UP TO REFLECT 97% OF RADIANT HEAT (SILVER SIDE)



PRODUCT OPTIONS

Product Options

Front	Back
<input type="checkbox"/> NET copper	<input type="checkbox"/> NET copper
<input type="checkbox"/> NET silver	<input type="checkbox"/> NET silver
<input type="checkbox"/> FR	<input type="checkbox"/> FR
<input type="checkbox"/> SA	<input type="checkbox"/> SA
<input type="checkbox"/> Anti Scratch	<input type="checkbox"/> Anti Scratch
<input type="checkbox"/> Anti Glare	<input type="checkbox"/> Anti Glare
<input type="checkbox"/> Extra Heavy Duty Aluminum Foil	<input type="checkbox"/> Extra Heavy Duty Aluminum Foil
<input type="checkbox"/> White finish	<input type="checkbox"/> White finish