

Extra

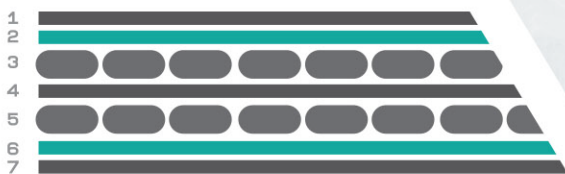
Product Information

Polyshield Extra is a constructed of double sided highly reflective aluminum foils with a third premium foil between the double layered thermally insulating fire-retardant bubbles (8.00 mm) which is the ultimate thermal resistance efficiency.

The aluminum foils come with 3% emissivity (tested to ASTM standards) and 97% reflectivity, for an effective reduction of radiant heat. The multi layered insulation is the perfect solution for residential, industrial, and logistic applications.

Structure of Insulation

Triple aluminum foils combined into double layered bubbles to triple the ultimate thermal resistance efficiency for ultimate heat reduction



- 1 Highly purity low-e aluminum facing
- 2 Poly backing
- 3 8 mm Thermally insulating fire retardant air bubble layer
- 4 A premium aluminum foil
- 5 8 mm Thermally insulating fire retardant air bubble layer
- 6 Poly backing
- 7 Highly purity low-e aluminum facing



97%

UP TO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)

OPTIONS

- Reinforced Net - BS476 Part 6 Class 0
- Heavy Duty - AS/NZS 1530.2
- Anti-Scratch - SIRIM / CIBD Approved
- Multi Foil - Extra Thick : 16 mm



Example of Polyshield Extra Thermal Performance

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

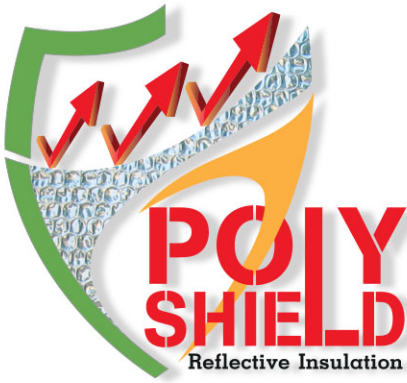
	Unit	
	M ² x C/W	Btu x in / (hr x ft ² x F)
Residential Roof		
- Tiles	3.59	20.71
- Metal	4.08	23.29
Metal Commercial Roof		
- Low Pitch with ceiling	4.48	24.56
- Low Pitch without ceiling	3.06	17.47
Concrete Commercial Roof		
- Low Pitch with ceiling	4.42	25.24
- Low Pitch without ceiling	3.06	17.47

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

Polyshield Extra Specifications:

Thickness (nominal)	mm	±16
Bubbles Diameter	mm	2 x 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	±500
Standard Roll Size	m x m	1.20m x 20m
Effective Coverage	m ²	24
Standard Roll Weight (Gross)	kg	±12.00 to 13.20 kg
Roll Diameter	mm	± 680

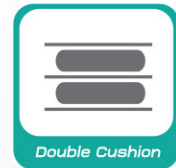
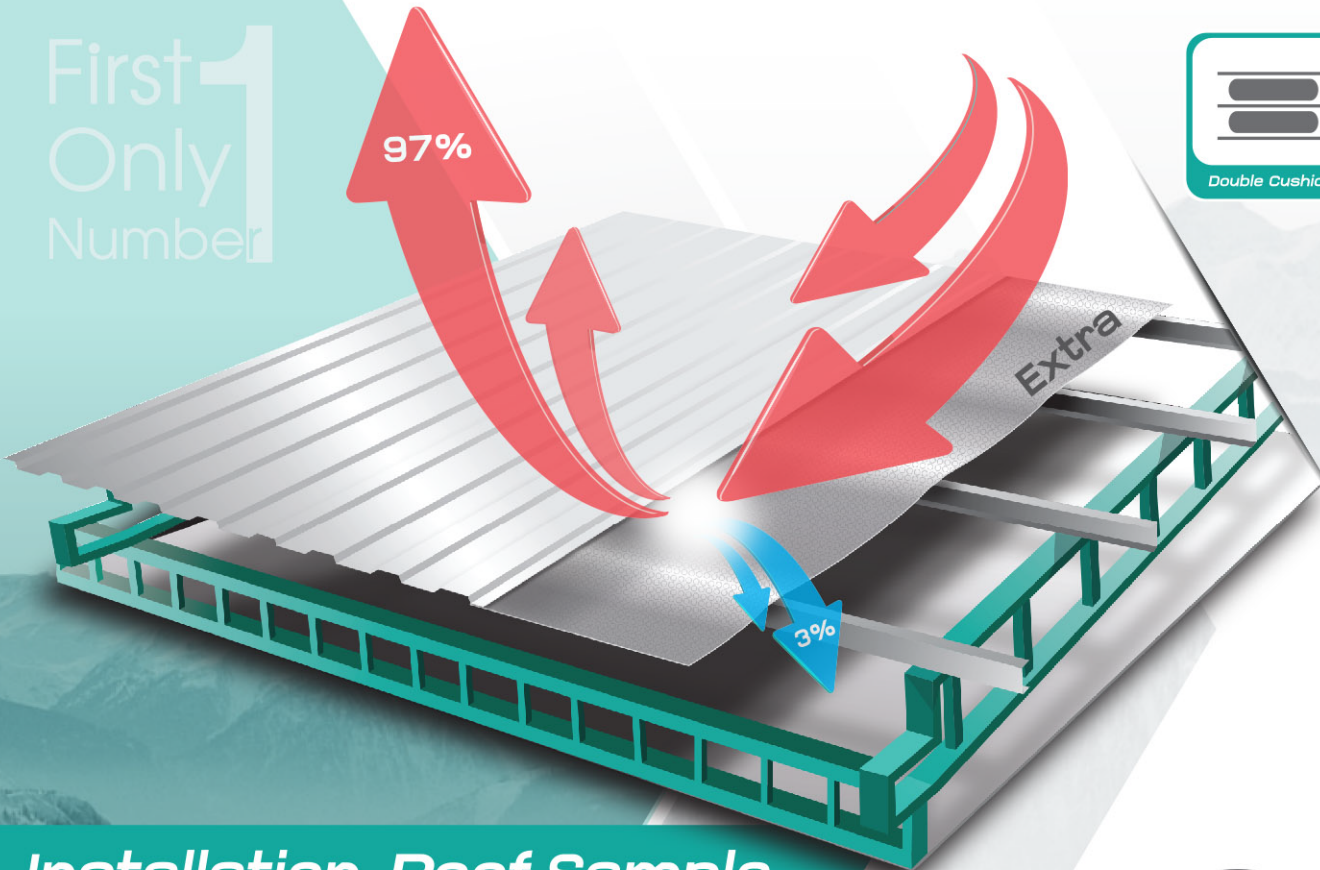
Reflective insulation solution you trust



Extra

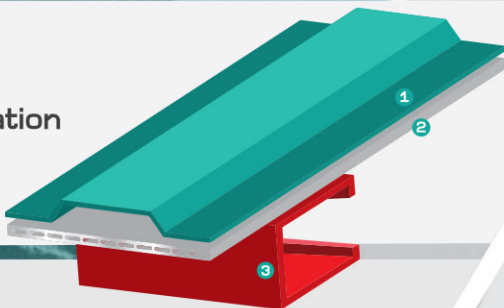


First Only Number



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 checked="" type="checkbox"/> Anti Scratch	<input checked="" type="checkbox"/> Anti Scratch
<input type="checkbox"/> Anti Glare	<input type="checkbox"/> Anti Glare
<input checked="" type="checkbox"/> Extra Heavy Duty Aluminum Foil	<input checked="" type="checkbox"/> Extra Heavy Duty Aluminum Foil
<input type="checkbox"/> White finish	<input type="checkbox"/> White finish