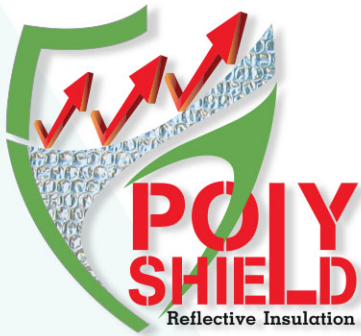


Product Information

Polyshield Select 40/ECO or Select 40+ is a double sided superior reflective insulation made of two pure aluminum foils (optional reinforced net) covering white or clear 4.00 mm to 5.00 mm bubbles (10 mm diameter). Both aluminum foils come with 3% emissivity (tested to ASTM standards) and 97% reflectivity, for an effective reduction of radiant heat. The bubbles perform as a barrier to conduction and convection heat, as well as noise reduction cushion.



Select 40/ECO 40+

Structure of Insulation

An economical solution with double sided high performing reflective insulation made of two pure aluminum foils covering 4.00 mm to 5.00 mm height strong air bubbles.



- 1 High purely low - e aluminum facing
- 2 Poly backing
- 3 4.0 mm to 5.00 mm Thermally insulating air-bubble layer
- 4 Poly backing
- 5 High purely low-e aluminum facing



97%

UP TO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)

OPTIONS	ECO	Select 40	Select 40+
Fire Retardant	✓	✓	✓
Reinforced Net	—	✓	✓
Heavy Duty Formulated	—	—	✓
Anti Scratch	—	✓	✓
BS 476 PART 6 class o	—	✓	✓
AS/NZS 1530.2	—	—	✓
Sirim/CIBD approval	—	—	✓



Polyshield ECO / Select 40 / Select 40+ Specifications:

		Select 40/ECO	Select 40+
Thickness (nominal)	mm	± 4.0	± 5.0
Bubbles Diameter	mm	10	10
Emissance (ASTM)	%	3 to 5	3 to 5
Reflectivity (ASTM)	%	95 to 97	95 to 97
Foil Thickness	μ	7 to 20	7 to 20
Foil Purity	%	>99	>99
Weight (nominal)	gsm/m ²	±270	±260
Standard Roll Size	m x m	1.20 m x 50 m	1.20 m x 50/60 m
Effective Coverage	m ²	60	60/72
Standard Roll Weight (Gross)	kg	± 17.50 kg	± 15.60 kg/18.70 kg
Roll Diameter	mm	± 550	± 600/650

Example of Polyshield Select 40 / 40+ / ECO Thermal Performance

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

	Unit		Select 40/ECO 40+
	M ² x C/W	Btu x in / (hr x ft ² x F)	
Residential Roof			
- Tiles	2.70	15.39	
- Metal	3.00	17.10	
Metal Commercial Roof			
- Low Pitch with ceiling	3.20	18.24	
- Low Pitch without ceiling	2.00	11.40	
Concrete Commercial Roof			
- Low Pitch with ceiling	3.30	18.81	
- Low Pitch without ceiling	2.10	11.97	

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

Reflective insulation solution you trust

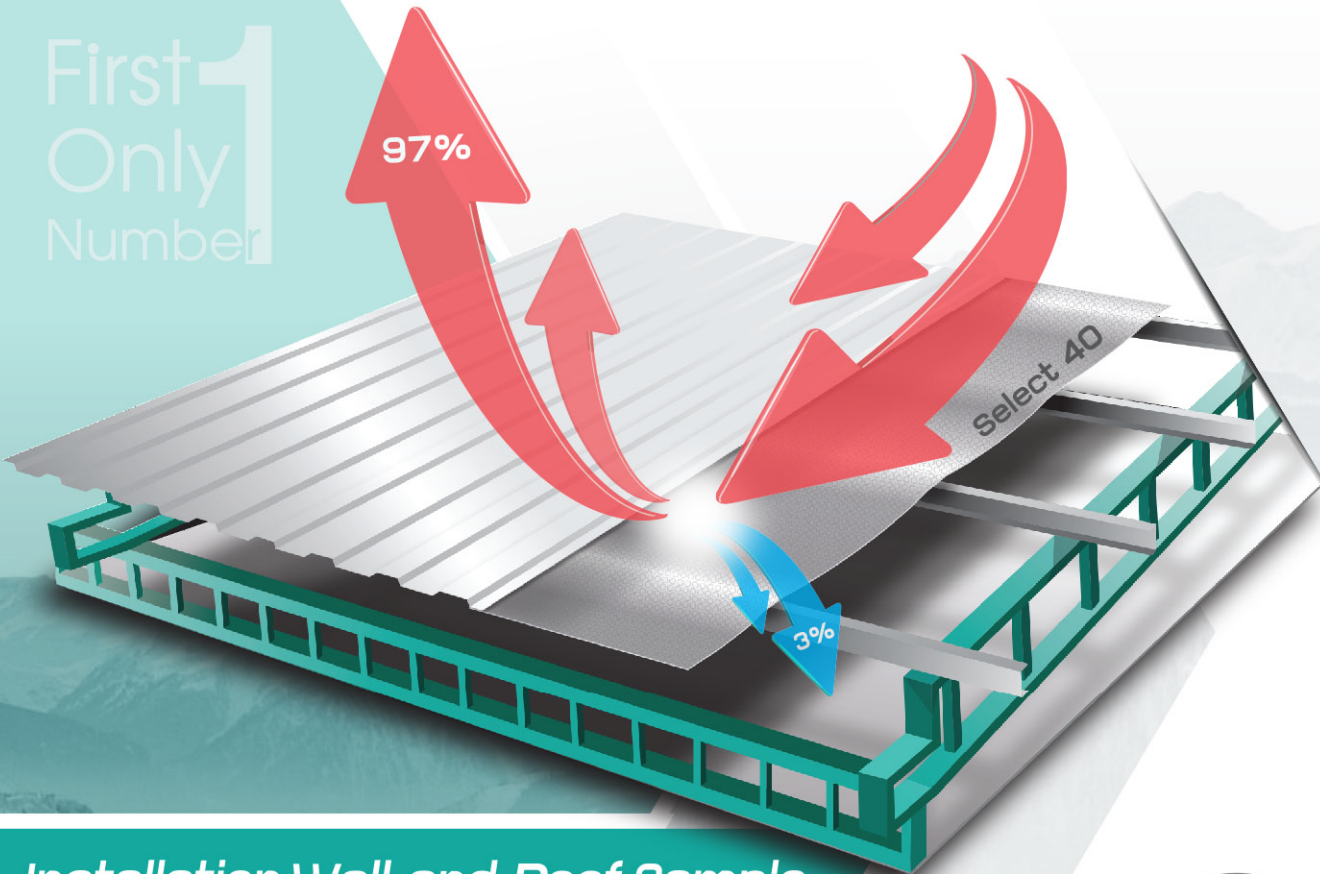


Select

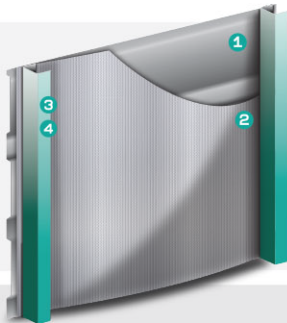
- ECO
- 40
- 40+



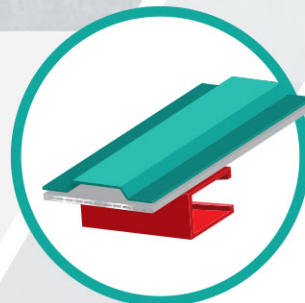
First 1
Only
Number



Installation Wall and Roof Sample



- 1 External metal cladding
- 2 Insulation
- 3 Steel portal frame
- 4 100 mm deep sheeting rails at 600 mm centres



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"/> 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