

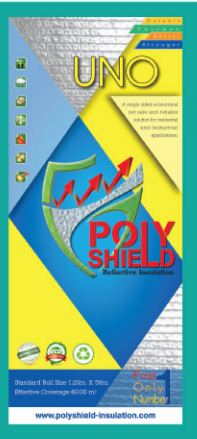
UNO

Product Information

Polyshield UNO is a single sided economical reflective insulation made of a pure aluminum foil (optional reinforced net), backing by white or clear 4.00 mm bubbles (10 mm diameter), and a white or clear poly layer. The aluminum foil comes with 3% emissivity (tested to ASTM standards) and 97% reflectivity, for an effective reduction of heat. The 4.00 mm bubbles perform as a barrier to conduction and convection heat, as well as noise reduction cushion. Ideal for walls and roof, along with bulk insulation

Structure of Insulation

A single sided economical yet safe and reliable solution for residential and industrial applications.



97%

UPTO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)



- ① High purity low - e aluminum facing
- ② Poly backing
- ③ 4.00 mm Thermally insulating air-bubble layer
- ④ Heavy duty closing poly layer

OPTIONS

- Fire retardant
- Reinforced net
- Heavy duty
- Anti-Scratch



Example of Polyshield Uno Thermal Performance

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

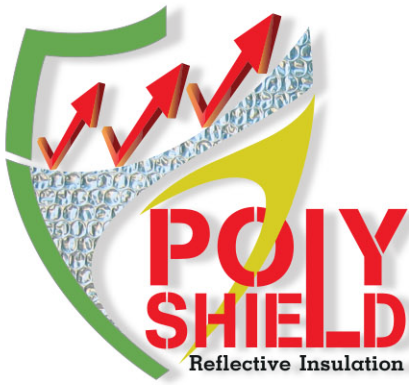
	Unit	
	M ² x C/W	Btu x in / (hr x ft ² x F)
Residential Roof		
- Tiles	1.50	8.55
- Metal	1.75	9.98
Metal Commercial Roof		
- Low Pitch with ceiling	2.20	12.54
- Low Pitch without ceiling	1.20	6.84
Concrete Commercial Roof		
- Low Pitch with ceiling	2.30	13.11
- Low Pitch without ceiling	1.30	7.41

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

Polyshield Uno Specifications:

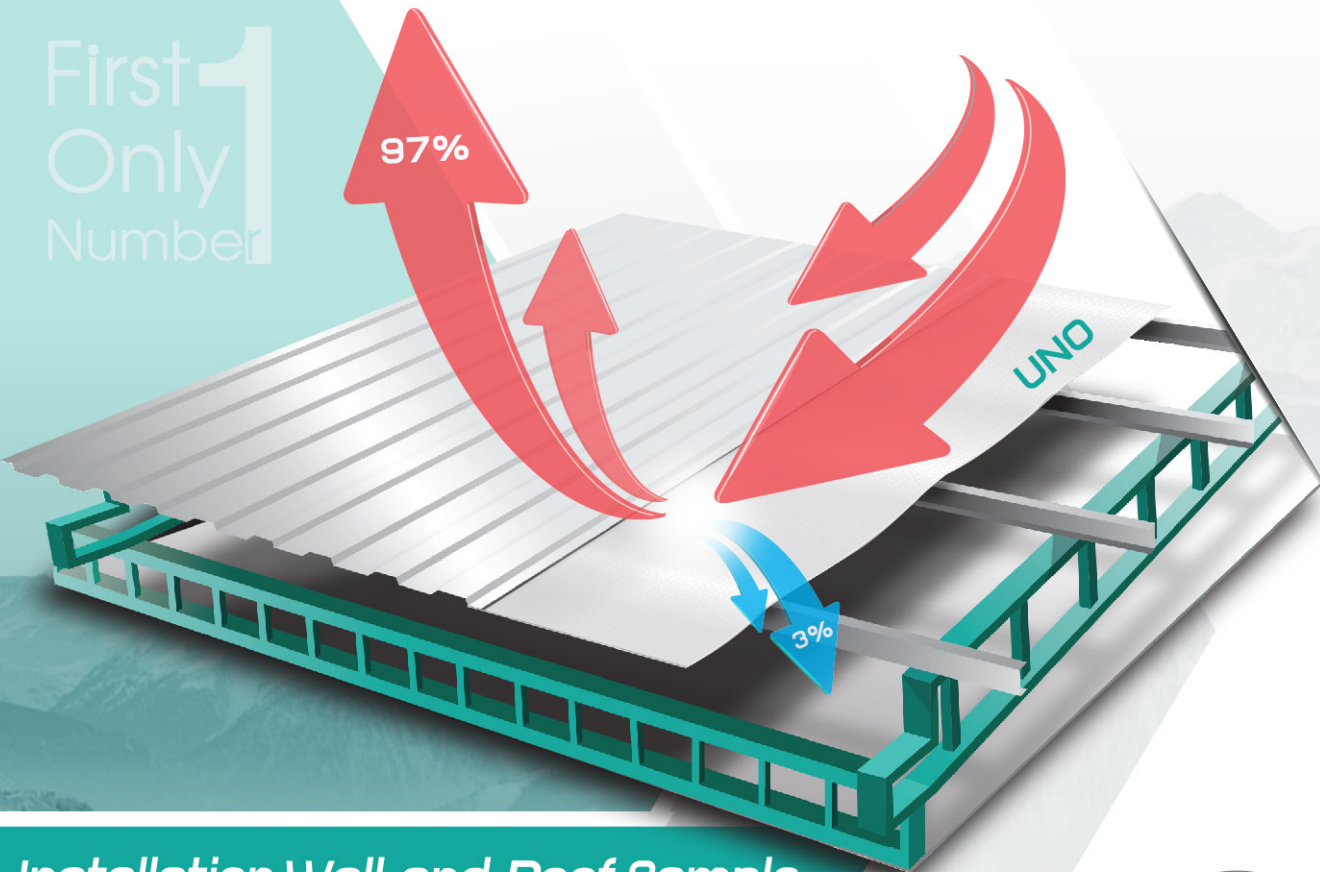
Thickness (nominal)	mm	± 6.5
Bubbles Diameter	mm	10
Emittance (ASTM)	%	3 to 5
Reflectivity (ASTM)	%	95 to 97
Foil Thickness	μ	7 to 20
Foil Purity	%	>99
Weight (nominal)	gsm/m ²	± 220
Standard Roll Size	m x m	1.20 m x 50 m
Effective Coverage	m ²	60.00
Standard Roll Weight (Gross)	kg	±13.20 kg
Roll Diameter	mm	± 550

Reflective insulation solution you trust

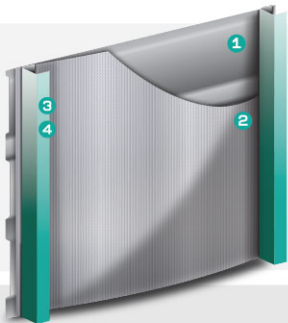


UNO

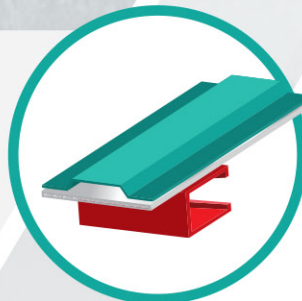
First Only Number



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