

**Economical**

# Product Information

Polyshield 40<sup>+</sup>LS is constructed of one side acid proof low E metalized foil and one side aluminum facing foil covering fire retardant 4.50 mm bubbles (10 mm diameter). The aluminum foil and the metalized foil come with <5% emissivity (tested to ASTM standards) and >95% reflectivity for an effective reduction of radiant heat. The 4.50 mm bubbles perform as a barrier to conduction and convection heat, as well as noise cushion.

## 40<sup>+</sup> LIVESTOCK

*Your Economical Solution*

### Structure of Insulation

A combination of aluminum foil and low-e metalized foil for economical and convenient solution for livestock applications.



**97%**

UP TO

REFLECT 97% OF RADIANT HEAT (SILVER SIDE)

**MADE FOR LIVESTOCK**

- ① Pure Low E Aluminum Foil
- ② Poly Backing
- ③ 4.5 mm Thermally insulating air-bubble layer
- ④ Poly Backing
- ⑤ Low-e acid proof facing foil

### MADE FOR LIVESTOCK

- Effective
- Washable
- Durable



Example of Polyshield 40 LS Thermal Performance

40 LS	Unit	
	M <sup>2</sup> x C/W	Btu x in. / (hr x ft <sup>2</sup> x F)
<b>Metal Commercial Roof</b>		
- Low Pitch with ceiling	2.70	15.41
- Low Pitch without ceiling	1.60	9.13
<b>Concrete Commercial Roof</b>		
- Low Pitch with ceiling	2.80	15.98
- Low Pitch without ceiling	1.65	9.42

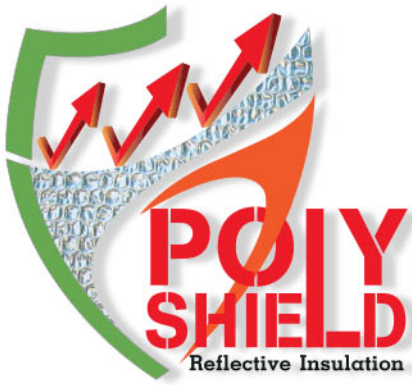
The values shown here are based on the system R value.

Polyshield 40<sup>+</sup>LS Specifications:

Thickness (nominal)	mm	± 4.5
Bubbles Diameter	mm	10
Emissance (ASTM)	%	3 to 5
Reflectivity (ASTM)	%	95 to 97
Foil Thickness	μ	9
Foil Purity	%	>99
Weight (nominal)	gsm/m <sup>2</sup>	± 2.40
Standard Roll Size	m x m	1.20 m x 50 m
Effective Coverage	m <sup>2</sup>	60.00
Standard Roll Weight (Gross)	kg	± 17.70 kg
Roll Diameter	mm	± 550

Economical livestock insulation solution you trust



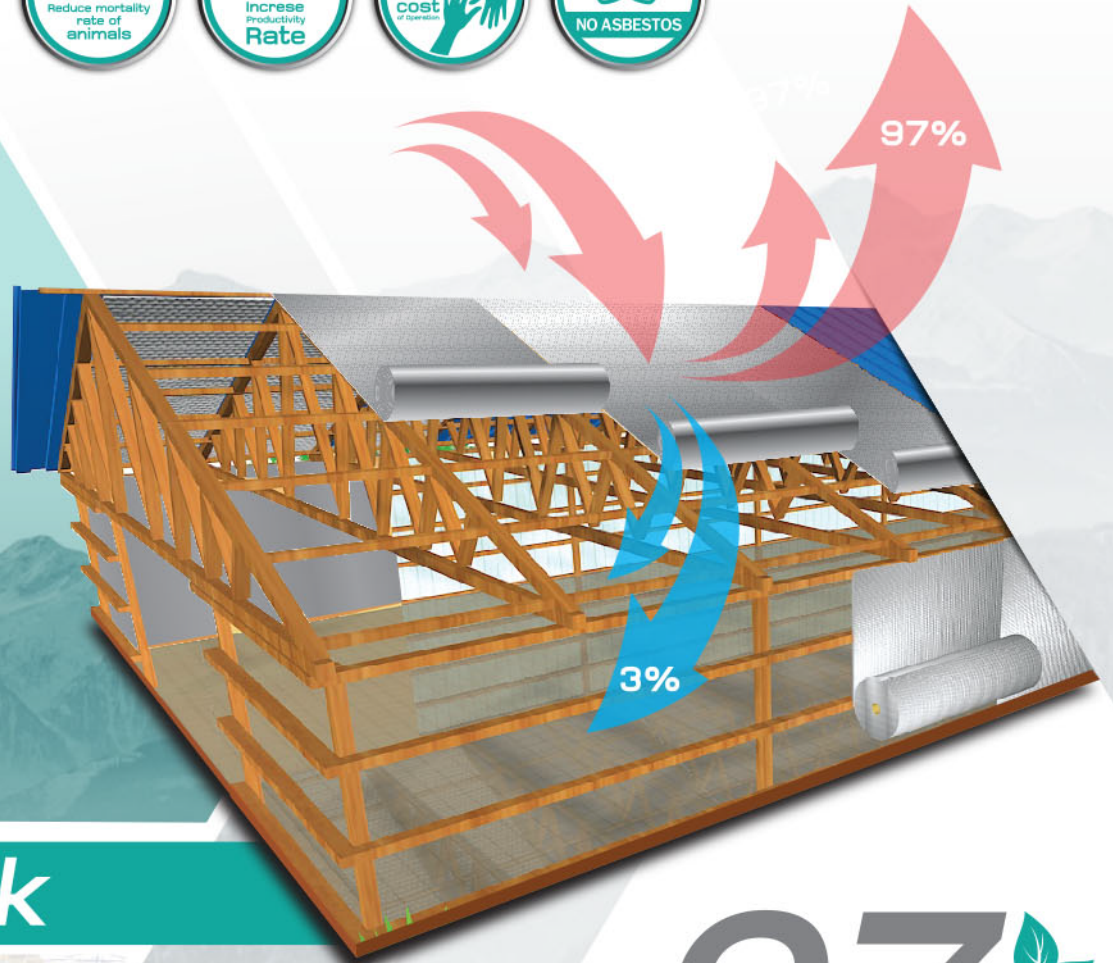


# 40+ LIVESTOCK

Reflect Up To 97% of Radiant Heat!



First  
Only  
Number 1



livestock

97% 

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



Economical



Economical livestock insulation solution you trust