



LPR1000 Roof systems

Superior protection and performance

LPR1000

Long span ribbed panel

TECHNICAL SPECIFICATIONS:

- Long span ribbed panel: coverage width 1000mm
- 0.50mm core thickness, high tensile strength steel – S550
- Fixed to the structure with self drilling stainless steel screws

COLOURS AND COATINGS:

- Aluzinc (metallic coating) AZA 
- Superpolyester 25 micron, colour 01 
- Superpolyester 35 micron, colour 01  12  18  

ACCESSORIES:

In order to maintain the watertightness integrity and aesthetic appearance, a full range of accessories adapted to LPR1000 roof systems have been developed:

- Skylights
- Translucent panels
- Smoke vents
- Ventilators
- Polycarbonate vaults
- Roof curbs
- Monovent

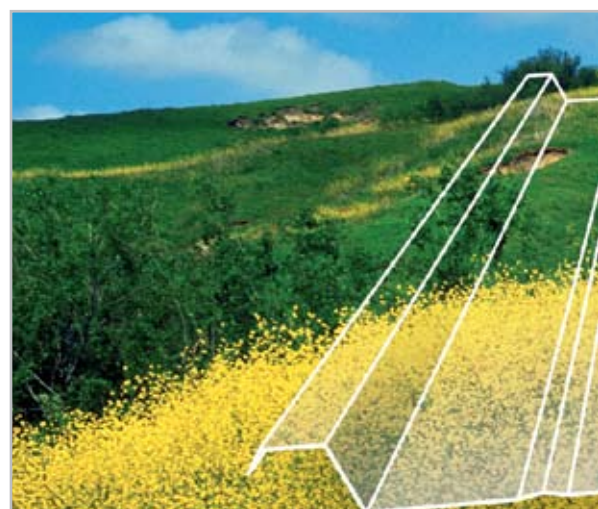
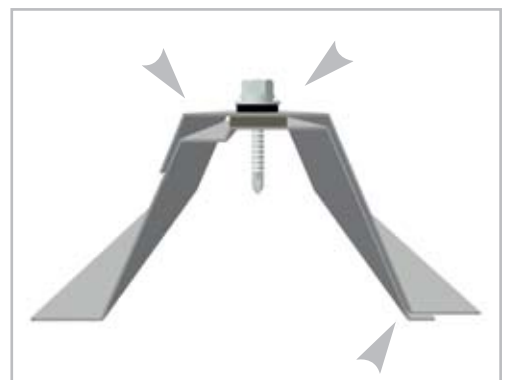
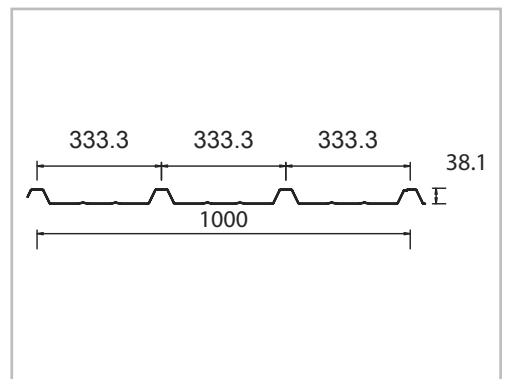
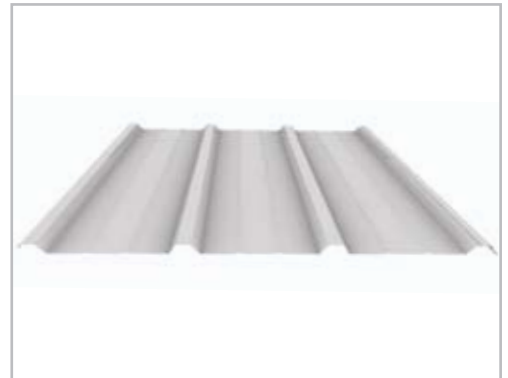
The side lap incorporates 3 key features:

- Unique anti-capillary groove for superior watertightness
- Full return under lapping corrugation to provide increased stability during fixing installation
- Tape sealer

NB: please refer to the official Astron colour fan for the exact colour

ADVANTAGES:

- A cost-effective and practical solution
- An increase of safety and watertightness thanks to the strength of its fixation
- Attractive and economical
- Easy to install
- Cost-effective energy efficiency
- Long-term performance



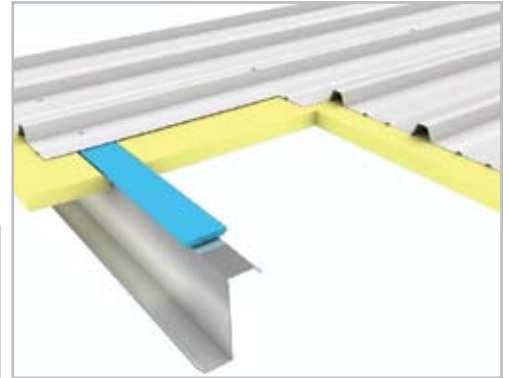
Three effective systems

SINGLE SKIN ROOF WITH OR WITHOUT ISOBLOC:

- This system is the most cost-effective
- The insulation is made of soft faced glass fiber providing a good acoustical comfort
- It is available with Isobloc to increase insulation thickness for improved overall thermal performance and reduction of thermal bridges

Insulation (mm)	40	60	80	80+	100+	120+
U-value W/(m ² ·K)	1,26	0,94	0,81	0,60	0,49	0,42

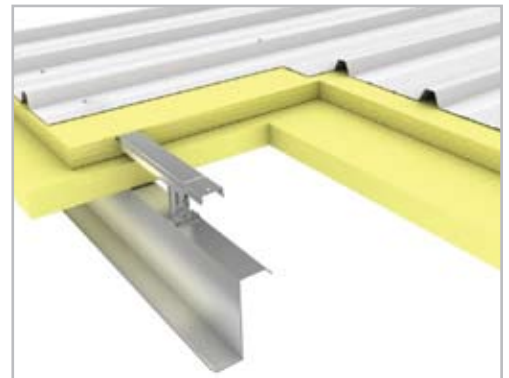
+= with Isobloc



SINGLE SKIN ROOF WITH BRIDGE:

- This system offers superior thermal efficiency and advanced condensation control by reducing the thermal bridge to a minimum. It also prevents the insulation being compressed at the location of the secondary framing elements
- It increases insulation thickness through spacer bridge

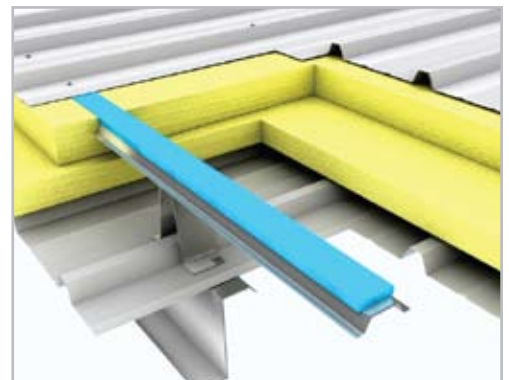
Insulation (mm)	120	140	160
U-value W/(m ² ·K)	0,34	0,31	0,29



DOUBLE SKIN ROOF:

- It offers the best possible insulation up to 200mm
- It includes all the advantages of the bridge solution
- It has a solid and aesthetic appearance thanks to the internal panel that acts as vapour barrier, best fire rating
- Optional acoustic panel for increased noise absorption

Insulation (mm)	120	140	160	200
U-value W/(m ² ·K)	0,34	0,29	0,25	0,21



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