

SKYPROOF SPECIFICATIONS

SkyProof presents its patented roofing sheets crafted from pre-painted aluminum profile sheets in alloy AA5754 with a nominal thickness of 0.7mm.

The sheet length is tailored to the actual pitch development, eliminating overlapping or joining. Each SkyProof roofing sheet is horizontally secured to adjacent sheets using specially designed brackets made from glass fiber-reinforced plastic, ensuring a 100% recycling rate and providing a thermal break. These brackets are affixed to the underlying structure through appropriate, protected steel fixings.

The SkyProof roofing sheet guarantees watertight performance under all weather conditions, even when facing water levels surpassing the height of the SkyProof joint.

Designed for expansion, the SkyProof® sheet seamlessly slides within its polyamide bracket without disengaging from the bracket.

With excellent walkability, our system supports a center distance of up to 1200mm. The joint, including the support bracket, the sheet rib stands at 60mm. SkyProof panels are ideally spaced at 500mm intervals.

Certifications:

- Resistance to concentrated forces according to UNI 14782:2006
- Uniformly distributed negative load according to ASTM E1592-05 (rupture at 7230 Pa after 13 inflations at increasing pressure. Pitch 1.2 m, thickness 0.66 mm)
- Water tightness with static water head according to ASTM E2140-01(2017)

Distributed Negative Loads / Wind Uplift

Materiale	Spessore nominale (mm)	Interassi di appoggio min 4 campate (m)				
		1,00	1,20	1,40	1,60	1,80
Carichi massimi (kN/sqm)						
Alluminio naturale	0,7	6,72	4,67	3,43	2,63	2,07
	0,8	7,68	5,33	3,92	3,00	2,37
	1,0	9,59	6,66	4,90	3,75	2,96
	1,2	11,51	7,99	5,87	4,50	3,55

**Distributed Positive
Loads / Snow Load**

Materiale	Spessore nominale (mm)	Interassi di appoggio min 4 campate (m)				
		1,00	1,20	1,40	1,60	1,80
		Carichi massimi (kN/sqm)				
Alluminio naturale	0,7	10,08	7,00	5,14	3,94	3,11
	0,8	11,52	8,00	5,88	4,50	3,55
	1,0	14,39	9,99	7,34	5,62	4,44
	1,2	17,26	11,99	8,81	6,74	5,33

We trust that the exceptional features of the SkyProof roofing system will be a valuable addition to your project specifications. Please feel free to contact us for any further details or clarification.