



Coperture_Metalliche_Continue



Specification

Mela_dRain 540

Seamless metal roofing system consisting of sheets manufactured in a length equal to that of the entire roof plane, without fixing holes or overlapping. Roof cover fastened to supporting beams using a bracket in AISI 304 2B/BA stainless steel with thickness of 1.5 mm, plasticised for excellent resistance to ascending loads, stainless, non-combustible, and which allows the roof sheets to slide upon thermal expansion. Water sealing guaranteed in any weather, thanks to the absence of fixing holes and to a double drain channel in the joints. Longitudinal micro-ribbing for stiffening the sheets and for promoting the run-off of rain water, even when slope is gentle (recommended minimum: 1%). Excellent walkability is ensured, thanks to fact that the roof cover rests completely on the underlying supporting beams and on the roof insulation.

Material	Yield point	Breaking load	Hardness (Brinell)
Unfinished 5754 H 18/28 aluminium alloy Thickness: 0.7 - 0.8 mm	≥ 255 N/mm ²	≥ 300 N/mm ²	87
Pre-painted 5754 aluminium alloy Thickness: 0.7 - 0.8 - 1 mm	≥ 223 N/mm ²	≥ 262 N/mm ²	73

Geometric specifications:

- height of ribbing: 46 mm.
- width of sheet: 540 mm.

Excellent walkability is assured by a 1.20 m centre-to-centre distance between the supporting surfaces.

Attached are tests of the Mela_dRain 540 roofing system that were carried out by accredited certifying institutes to verify the declared performance.

