

ELECTRO-WELDED NET

Anti-creassing net

DESCRIPTION

The Isoplam Electrowelded Mesh is the reinforcement in cement-based floors (screed, concrete, boiler) and has the task of counteracting the effects of the dimensional changes of the cement conglomerate due to shrinkage or thermal excursions and to limit the opening of the cracks in the same.

The Electrowelded Mesh is supplied in panels (sheets) with square-shaped mesh with transverse and longitudinal linear wires in high-ductility hot-rolled weldable steel, class B450C, in accordance with D.M. 17.01.2018 "Technical standards for construction". The surface of the wires is characterised by the presence of ribs evenly distributed over the entire length that improves the adhesion between the panel and the cement conglomerate.

The Electro-welded Mesh gives the screed greater homogeneity and compactness, accentuated impact resistance and less fragility.

TECHNICAL AND PERFORMANCE DATA

Material	Steel B450C	
Sheet Size	400x225 cm	
Mesh Size	10x10 cm 20x20 cm	
Wire Diameter	5 mm (mesh 10x10) 6 mm (mesh 20x20) 8 mm (mesh 20x20)	
Panel Weight	28,03 Kg/foglio (diam 5 mm) 20,64 Kg/foglio (diam 6 mm) 36,70 Kg/foglio (diam 8 mm)	
Number of Wires	23 long / 40 trasv (diam 5 mm) 12 long / 20 trasv (diam 6 mm) 12 long / 20 trasv (diam 8 mm)	
Chemical Composition	C 0,22% P 0,05% S 0,05% Cu 0,8% N 0,012% Ceq 0,5%	

PACK

The Isoplam® Galvanised Nervated Mesh is supplied in sheets (panels) measuring 4x2.25 m with 10x10 cm mesh (wire diameter 5 mm) or 20x20 cm (wire diameter 6 or 8 mm).

IMPORTANT

All the information contained in this card is based on the best practical and laboratory experiences. It is the customer's responsibility to verify that the product is suitable for the intended use. The manufacturer declines all responsibility for the results of incorrect applications. The data can be changed at any time. This card replaces and cancels the previous ones.

The product is intended for professional use only. Anyone who uses this product without being authorised does so at their own risk. Isoplam Srl periodically organises courses for its customers who request them.