COPPER ART SR

Technical Data Sheet N° WPSIT0066-14.07

DESCRIPTION

Synthetic membrane manufactured in Copper Art® for mechanical fixing systems, reinforced by polyester mesh.
It is manufactured by subsequent cast-spreading of polymeric compound encompassing copper particles in the superficial skins, conferring to the membrane the aesthetical features of the metal. Furthermore the membrane thanks to the special compound, after an oxidising process obtains, as time goes by, a brownish hue and, later on, it turns to dark brown, which witnesses its function as a covering in copper sheet.
Manufactured in a plant certified by UNI EN ISO 9001 (Quality management system) and UNI EN ISO 14001 (environmental management system).
Setting performed by applicators approved by Flag S.p.A.
Finishing and accessories composed by elements produced and approved by Flag S.p.A.

FEATURES

- Weatherproof and UV resistance
- Resistant to wind stress
- High mechanical resistance
- Resistant to punching
- Weldability with hot air

AREA OF USE

ROOFING
- With particular aesthetic value
- Exposed roof, with mechanical fastening system

PROPERTIES

		COPPER ART SR 1,80	Test method
Thickness	(mm)	1,80	EN 1849-2
Weight	(kg/m^2)	2,15	EN 1849-2
Tensile strength	(N/5cm)	≥ 1100	EN 12311-2
Elongation to break	(%)	≥ 15	EN 12311-2
Resistance to static punching (rigid support)	(kg)	> 20	EN 12730 met. B
Cold bending	(°C)	≤ - 25	EN 495-5
Hydrostatic pressure resistance (6 hours at 0,5 Mpa)		waterproof	EN 1928 met. B
Dimensional stability (6 hours at 80°C)	(%)	≤ 0,5	EN 1107-2
Accelerated light aging		0 grade	EN 1297
Tear resistance	(N)	≥ 200	EN 12310-2
Resistance to roots penetration		no penetration	EN 13948
Fire resistance		E	EN ISO 11925-2 EN 13501-1

PRODUCTION STANDARD

Thickness	1,80 mm	
Width	1,60 m	
Number of rolls on each pallet	12	
Length	20 m	
Skin coloration	**COPPER**	

CE MARKING

Unique identification code of the product-type: WPSIT0066
COPPER ART SR membranes are produced by the FLAG Spa factory (SOPREMA group) in Villa Santo Stefano are CE marked no.1085-CPR-018 in accordance with EN 13956:2012.

Due to its formulation, the liner is NOT subject to the requirements set forth in the CLP Regulation (EC) No 1272/2008 and EU n° 487/2013 and subsequent amendments on dangerous substances. If the product should be disposed of as a waste, we recommend sending it to an authorised landfill site or to an incinerator equipped with post-combustion chamber and fumes washing system.
The data herewith indicated, apart from those required by EC branding, are not exhaustive and Flag SpA may modify them without previous notice. Flag SpA, has the right to modify the product at any time and without previous notice, in any of its aspect, and to stop its production.
Flag SpA reserves the right, as technology and know-how progress, to modify without warning the composition and conditions of use of its materials, and subsequently their price. As a result, orders shall only be accepted on the basis of the terms and technical specifications applicable at the time of receipt.

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