

NYLON ROLL

Polyethylene Vapor barrier

DESCRIPTION

The sheets of Isoplam® Nylon rolls, surmounted by at least 15 cm and sealed with adhesive tape, are used as a vapor barrier in industrial and decorative flooring and wherever a subsequent application of continuous waterproof resin surface coatings is required. They prevent rising damp and pop-out phenomena. Isoplam® Nylon is also used externally to protect the ballast from rainwater runoff or pavement washing, preventing structural failure.

They are 100% recycled and recyclable grey polyethylene, according to the circular economy standards of the use of materials.

TECHNICAL AND PERFORMANCE DATA

The Isoplam® Nylon Roll has CE marking, in accordance with EN 13984:2013 which specifies the characteristics of flexible plastic or rubber membranes whose intended use is as a vapour control layer in construction and applies to both armed and unarmed products.

P H Y S I C A L CHARACTERISTICS	METHOD	UNIT	RESULT
Thickness	EN 1849-2	mm $\pm$ 10%	0,22
Mass	EN 1849-2	g/m ² $\pm$ 10%	192
Water impermeability	EN 1928	-	compliant
Impact resistance (method A)	EN 12691	mm	350
Durability to the artificial agents of water vapor impermeability	EN 13984	-	compliant
Resistance to alkalis	EN 13984	-	compliant
Resistance to laceration	EN 12310-1	N	Longitudinal: $\geq$ 80 Lateral: $\geq$ 70
Resistance of the welding	EN 12317-2	N/50mm	$\geq$ 130
Steam transmission Sd	EN 1931	m	$\geq$ 100
Traction characteristics: maximum elongation due to tractive force	EN 12311-2	N/mm ² %	Longitudinal: $\geq$ 18 Lateral: $\geq$ 16 Longitudinal: $\geq$ 300 Lateral: $\geq$ 300
Reaction to fire	EN 13501-1	-	Class F



PACKAGING

Isoplam® Nylon coils have an opening of 6 m for a length of 41 m.
Each roll develops 246 m² and weighs approx. 50 kg.

IMPORTANT:

The products of the Skygrip® Isoplam® System are intended for the use as indicated above.
Adding any other product will impair the final result.

All information contained herein is based on the best practical experiences and laboratory research. It is the customer's responsibility to determine whether the product is suitable for the intended application. The manufacturer declines all responsibility on the results due to incorrect application of its products. The product shall always be tested on a small area before full scale application. This data sheet replaces all previous data sheets.

ISOPLAM reserves the right to change the data on the data sheet at any time. Skygrip® Isoplam® is intended for professional use only.

ISOPLAM provides frequent and on demand trainings for its customers. The use of ISOPLAM products without receiving the proper certification will be at the customer's own risk.

ISOPLAM S.R.L.

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Company certified UNI EN ISO 9001:2015

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