



# NYLON ROLL

## Vapor barrier in polyethylene

### 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.

### TECHNICAL AND PERFORMANCE DATA

PHYSICAL CHARACTERISTICS	METHOD	UNIT	RESULT
Thickness	EN 1849-2	mm ± 10%	0,22
Mass	EN 1849-2	g/m <sup>2</sup> ± 10%	192
Water impermeability	EN 1928	-	
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: ≥80 Lateral: ≥70
Resistance of the welding	EN 12317-2	N/50mm	≥130
Steam transmission Sd	EN 1931	m	≥100
Traction characteristics: maximum elongation due to tractive force	EN 12311-2	N/mm <sup>2</sup> %	Longitudinal: ≥18 Lateral: ≥16 Longitudinal: ≥300 Lateral: ≥300
Reaction to fire	EN 13501-1	-	Class F



## PACKAGING

Isoplam® Nylon rolls are in gray polyethylene, with 6 meters opening and 200my thickness.  
Each roll develops 254 square meters and weighs about 50Kg.