

TECHNICAL DATA SHEET**Vapor barrier foil Parotec Alu 150**

The film is designed to provide vapor barrier insulation in walls and ceilings. The metallized layer reflects thermal radiation which minimizes heat loss. It provides a barrier to water vapor and wind. Parotec ALU 150 is a three-layer film made of a layer of metallized film, reinforcing mesh and polyethylene film.

Characteristic	Test method	Value
Mass per unit area	EN 1849-2	150g/m ² (± 15%)
Reaction to fire	EN 13501-1	Class E
Length	EN 1848-2	50 m (-0/+0,2%)
Width	EN 1848-2	1,5 m (± 0,5%)
Resistance to water vapour penetration	EN 1931	5,1x10 ¹¹ ±40% (m ² *s*Pa)/kg)
Water resistance (2 kPa)	EN 1928	Pass
Water resistance after aging	EN 1296 EN 1928	Pass
Tensile strength along	EN 12311-2	≥ 280 N/50 mm
Tensile strength across	EN 12311-2	≥ 200 N/50 mm
Tear resistance along	EN 12311-2	≥ 150 N
Tear resistance across	EN 12311-2	≥ 150 N
Elongation at max tensile along	EN 12311-2	≥ 12%
Elongation at max tensile across	EN 12311-2	≥ 7%
Sd	EN 1931	70 m (±30%)
Application temperature range		-30 ÷ +70 °C
Durability after alkalis	EN 1847	Pass
Dangerous substances		Not declared
Impact resistance	EN 12691	Not declared
Joint strength	EN 12317-2	Not declared

On behalf of the producer signed by:
Tomasz Staszewski



Batorowo 05.11.2024