



Technical data

IZOTEQ AL90

non breathable film

Producer:

Z.P.H.U WA-BIS Waldemar Wata
Ul. Polna 3; 42-445 Szczekociny \Factory: Łany 66; 28-330 Wodzisław\

Material: LDPE film + grid HDPE + PES film + Al \ 4-layers product \

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Product characteristic	Test methods	Unit	Nominal value	Tolerance	
				Min.	Max.
Mass per unit area	EN 1849-2	[g/m ²]	90	-10%	10%
Length	EN 1848-2	[m]	50	-2%	2%
Width	EN 1848-2	[m]	1,5	-2%	2%
Reaction to fire	EN 13501-1	[class]	F	-	-
Resistance to water penetration	EN 1928/A	[class]	W1	-	-
Water vapour transmission rate	Internal	[g/(m ² ·s·Pa)]	0,395·10 ⁻⁹	-	-
Water vapour transmission rate after aging	EN 1296	[g/(m ² ·s·Pa)]	0,395·10 ⁻⁹	-	-
Tensile strength longitudinal /transverse	EN 13984/ EN 13859 – 1	[N/50mm]	≥186/≥140	-	-
Tear resistance longitudinal /transverse	EN 12310-1	[N]	≥48/≥48	-	-
Elongation longitudinal /transverse	EN 13984/ EN 13859 – 1	[%]	≥12/≥12	-	-
Operating temperature range	-	[°C]	30	-40	+80
Flexibility at low temperature	EN 1109	[°C]	-40	-	-
Hazard substances	-	-	No	-	-

Application: IZOTEQ AL 90 is barrier prevent water vapors which occur as a result of activities in the house (kitchen, bathroom and etc.) a from penetrating into the wall and roof structures and insulation where these vapors otherwise condensate and cause the formation of moulds and rot of the wooden structure of the house.

IZOTEQ AL 90 is also used as reflective screen, this means that they reflect radiant heat back into the room (thermos effect). Keep away from fire and heat (> 80 C) sources.

LOGISTIC DETAILS:

PRODUCT IDENTIFICATION	Pcs per pallet	Gross weight	Pallet sizes		
			Width	Length	Height
IZOTEQ AL 90	90 rolls	ca 607 kg	1,10m	1,50m	1,80m

EN 13984:2013 Flexible sheets for waterproofing. Plastic and rubber vapour control layers



Notified Body N° 1301

Prepared by *Jurij Tyszkiewicz* - Product Manager

Based on DoP N° 01/2018/AI90/IZ/E



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