



## product data sheet

Meuwissen Industrie BV  
Waarderweg 122  
2031 BS Haarlem



06

EN 13984

### Product name: **Miofol 125 S**

Description: Miofol 125 S (= standard) is a not perforated, transparent, moisture-retardant LDPE foil, reinforced with a polypropylene fabric.

Diverse 1m x diverse widths x  $\pm 0.2$  mm (upon the net 0,35 mm)

Type of application: Water vapour control layer, type A, reinforced

Installation in accordance with the guidelines for waterproof, moisture-retardant membranes.

Characteristic	Parameter	Test method	Units	Result	Toler.		Result after ageing
Mass per unit area		EN 1849-2	g/m <sup>2</sup>	125	-12	+12	
Reaction to fire			Class	F			
Water tightness		EN 1928	Class	W1			
Tensile strength	MD	EN 12311-1 Ann.A	N/50 mm	330	-80	+45	
Tensile strength	CD	EN 12311-1 Ann.A	N/50 mm	270	-30	+80	
Elongation	MD	EN 12311-1 Ann.A	%	20	-5	+5	
Elongation	CD	EN 12311-1 Ann.A	%	20	-5	+5	
Tear strength	MD	EN 12310-1 Ann.B	N	450	-200	+200	
Tear strength	CD	EN 12310-1 Ann.B	N	300	-100	+150	
Water vapour permeability		EN 1931	g/m <sup>2</sup> /24h m	0,41 87,05			



## Declaration of conformity

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Type of application: Water vapour control layer, type A, reinforced

### Data interpretation

The product is tested according to the NEN-EN 13984: Flexible sheets for waterproofing - Plastics and rubber vapour control layers - Definitions and characteristics. Annex ZA for products under system 3. The product characteristic 'reaction to fire' is not tested (Class F) according the Dutch construction guidelines. The product characteristics 'resistance to water penetration' and 'water vapour permeability' are initial type tested by a notified test laboratory 'SHR', rapport 7.054-5, January 2008. The product characteristics 'tensile strength', 'elongation', 'tear strength' and 'mass per unit area' are initial type tested by our own laboratory. To show the product still meets the characteristics Factory Production Control is done by our own laboratory.

### Notified test laboratory:

SHR Hout Research  
Nieuwe Kanaal 9b  
6709 PA Wageningen

### Definitions

Characteristic:	The property of the product that were tested.
Parameter:	Specific direction or class of the product characteristic that were tested
Test method:	Specific prescribed apparatus, material samples and protocols used to produce the test results
Unit:	The quantity or unit used to which results apply
Result:	Value stated by initial type testing that has to be met during testing
NPD:	No performance determined

Property	Standard	Result
Reaction to fire	EN 11925-2	Class F
Water tightness	EN 1928	W1
Water vapour permeability	EN 1931	0,41 g/m <sup>2</sup> /24 h
Tensile strength in longitudinal direction	EN 12311-1	250-375 N/50 mm
Tensile strength in transverse direction	EN 12311-1	240-350 N/50 mm
Elongation in longitudinal direction	EN 12311-1	15-25 %
Elongation in transverse direction	EN 12311-1	15-25 %
Tear strength in longitudinal direction	EN 12310-1	250-650 N
Tear strength in transverse direction	EN 12310-1	200-450 N
Length	EN 1848-2	-0,5 %, +2%
Width	EN 1848-2	-0,5 % + 1,5 %
Thickness	EN 1849-2	NPD
Mass per unit area	EN 1849-2	125 g/m <sup>2</sup> ± 10%
Joint strength	EN 12317-2	NPD
Impact resistance	EN 12691 (h = 300 mm)	NPD
Durability of water vapour resistance against artificial ageing	EN 1269	NPD
Durability against alkali	EN 12311-2	NPD

## Application

Apply Miofol 125 S to the warm side (generally the inside) of the roof or exterior wall structure. Miofol 125 S can also be used as a damp screen underneath cement top floors and other damp-sensitive finishing.

The constant moisture-retardant properties make Miofol 125 S suitable for use as a moisture retardant in the structures of buildings falling into climate classes 2 and 3, such as houses, offices, schools, etc. Miofol 125 S is strengthened by a reinforcing net and is therefore capable of taking large mechanical stresses, including during the transportation of prefabricated elements.

Furthermore, Miofol 125 S is also excellently suited for temporarily covering up materials, as temporary glazing in emergencies or during the open construction phase.

For the best possible airtight seal, in accordance with the Dutch national building regulations, we would advise making an airtight finish around attachment points, overlaps, connections and cutaways using collars, tapes, foam tape and so forth.

## Authorization

Quality assurance and product development: I. Gerritsen

Date:  
Signature:

Management: J. H. Gerritsen

Date:  
Signature: