

DECLARATION OF PERFORMANCE

No. 04/2016/ND

1. Unique identification code of the product-type: **135**

2. Intended use or uses:

2.1. Flexible sheets for waterproofing – Underlays for discontinuous roofing according to PN-EN 13859-1: September 2010

2.1.1. As a precoat, sealing roof coverings which are based on battens and counter-battens in non-ventilated roofs (instruction 1 and 5) and in ventilated roofs (instruction 11) with ventilated coverings.

2.1.2. As a protective-spacer layer of thermal insulation under coverings based on sheathings (instruction 6) in ventilated roofs with a slope > 10°.

2.1.3. As a sealing of coverings laid on contact with sheathing – under tiles e.g. of slate, sheet, fiber cement etc. (instruction 7) in ventilated and non-ventilated roofs.

2.1.4. As a sealing of plates of „on-rafter” thermal insulation, e.g. PIR, PUR etc. according to manufacturer’s instructions.

2.2. Flexible sheets for waterproofing – Underlays for walls according to PN-EN 13859-2: September 2010

2.2.1. As a wind-insulation (draft-tight layer) in stud walls of wooden or metal construction (instruction 9);

2.2.2. As a sealing and protection of thermal insulation in wooden and concrete ceilings (instruction 8).

3. Manufacturer:

Marma Polskie Folie Sp. z o.o.

ul. Postępu 15C, 02-676 Warszawa

Production plant: Ul. Szybowskiego 1, 39-460 Nowa Dęba

Vapour-permeable membrane 135

4. System of assessment and verification of constancy of performance:

Conformity assessment system 3.

5. Harmonized standard:

PN-EN 13859-1: September 2010 Flexible sheets for waterproofing – Definitions and characteristics of underlays – Part 1: Underlays for discontinuous roofing.

PN-EN 13859-2: Wrzesień 2010 Flexible sheets for waterproofing – Definitions and characteristics of underlays – Part 2: Underlays for walls.

Notified body or bodies:

Polskie Centrum Badań i Certyfikacji S.A. Oddział Badań i Certyfikacji w Gdańsku Laboratorium Wytrobów Budowlanych, ul. Wejhera 18a, 80-346 Gdańsk, nr 1434.

6. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E	PN-EN 13859-1: September 2010 PN-EN 13859-2: September 2010
Water tightness	W1	
Tensile properties: - along - across	280 +60/- 80 [N/50 mm] 190 +60/- 80 [N/50 mm]	
Elongation: -along - across	70 +/- 40 [%] 90 +/- 40 [%]	
Resistance to tearing: - along - across	180 +/- 70 [N] 230 +/- 70 [N]	
Flexibility at low temperature	- 25 [°C]	
Resistance to artificial ageing: Tensile properties: - along - across	230 +/- 80 [N/50 mm] 150 +/- 80 [N/50 mm]	

Elongation: - along - across	50 + /- 30 [%] 70 + /- 40 [%]	
Water tightness:	W1	

The performances of the product identified above are in conformity with the set of declared performances. This declaration of performance is issued according to the regulation (EU) no. 305/2011 under the sole responsibility of the manufacturer indicated above.

The copy of declaration of performance can be found on the manufacturer's website: www.marma.com.pl

Signed on behalf of the manufacturer by:



Krzysztof Stachowicz Quality Manager
Nowa Dęba, the 16th of May 2016

TECHNICAL INFORMATION

concerning Vapour-permeable membrane 135

The product complies with the Declaration of Performance no. 04/2016/ND

Other characteristics	Performance	Harmonised technical specification
Length	according to the order [m] - 0 [%]	PN-EN 13859-1: September 2010 PN-EN 13859-2: September 2010
Width	according to the order [m] + 1,5/- 0,5 [%]	
Straightness	max 30[mm] for 10[m]	
Weight	135 +/- 15 [g/m ²]	
Water vapour transmission – Sd parameter, i.e. diffusively equivalent air layer thickness	0,015 + 0,02/- 0,01 [m]	
Dimensional stability: - along - across	+/- 3 [%] +/- 1 [%]	
Resistance to penetration of air, air permeability by +/- difference in pressure	≤ 0,1 [m ³ /(m ² hx50Pa)]	
Structure	3-layered: polypropylene base nonwoven with the addition of UV stabilizer, polypropylene vapour-permeable film with the addition of UV stabilizer, polypropylene protective nonwoven with the addition of UV stabilizer	