

## 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 EN 13859-1: 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 EN 13859-2: 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

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

Conformity assessment system 3.

5. Harmonized standard:

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

EN 13859-2: 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	EN 13859-1: 2010 EN 13859-2: 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 [%]	
Water vapour transmission – Sd parameter, i.e. diffusively equivalent air layer thickness	0,015 + 0,02/- 0,01 [m]	
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]	

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EDITION: 11/2016

VERSION: 01

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](http://www.marma.com.pl)

Signed on behalf of the manufacturer by:



Krzysztof Stachowicz Quality Manager

Nowa Dęba, the 16th of May 2016