

DECLARATION OF PERFORMANCE

No. 10/2016/ND

1. Unique identification code of the product-type: **R 110**

2. Intended use or uses:

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

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

2.1.2. As a sealing and protection of thermal insulation from the airflow and vapour flow in construction barriers (instruction 13).

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 13859-2: 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	F	EN 13859-2: 2010
Water tightness	W1	
Tensile properties: - along - across	220 +60/- 80 [N/50 mm] 140 +60/- 80 [N/50 mm]	
Elongation: -along - across	70 +/- 40 [%] 90 +/- 40 [%]	
Water vapour transmission – Sd parameter, i.e. diffusively equivalent air layer thickness	2 +/-1,5 [m]	
Resistance to tearing: - along - across	100 +/- 50 [N] 140 +/- 50 [N]	
Flexibility at low temperature	- 25 [°C]	
Resistance to artificial ageing: Tensile properties: - along - across	160 +/- 80 [N/50 mm] 100 +/- 80 [N/50 mm]	
Elongation: - along - across	50 + 40/- 30 [%] 70 + 40/- 30 [%]	
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.

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EDITION: 11/2016

VERSION: 01

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:

A handwritten signature in blue ink, appearing to be 'K. Stachowicz', written in a cursive style.

Krzysztof Stachowicz Quality Manager

Nowa Dęba, the 26th of August 2016