



DECLARATION OF PERFORMANCE

No. 02/2013/ND

1. Unique identification code of the product-type: **115**
2. Type, batch or serial number or any other element allowing identification of the construction product:
Type 115, all batches of the product since 01.07.2013.
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
3.1. Flexible sheets for waterproofing – Underlays for discontinuous roofing, according to PN-EN 13859-1: September 2010
 - 3.1.1. As a precoat, sealing roof coverings which are based on battens or counter-battens in non-ventilated roofs (instruction 1 and 5) and in ventilated roofs (instruction 11) with ventilated coverings;
 - 3.1.2. As a protective-spacer layer of thermal insulation under coverings based on sheathings (instruction 6) in ventilated roofs with a slope > 10°;
 - 3.1.3. 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.
 - 3.1.4. As a sealing of plates of „on-rafter” thermal insulation, e.g. PIR, PUR etc. according to manufacturer’s instructions.**3.2. Flexible sheets for waterproofing – Underlays for walls, according to PN-EN 13859-2: September 2010**
 - 3.2.1. As a wind-insulation (draft-tight layer) in stud walls of wooden or metal construction (instruction 9);
 - 3.2.2. As a sealing and protection of thermal insulation in wooden and concrete ceilings (instruction 8).
4. Name, registered trade name or registered trade mark and contact address of the manufacturer:

Vapour-permeable membrane 115

Marma Polskie Folie Sp. z o.o.
z siedzibą w Warszawie
ul. Postępu 15C, 02-676 Warszawa
Oddział w Rzeszowie
Al. Pod Kasztanami 10, 35-030 Rzeszów
Zakład Produkcyjny: Ul. Szypowskiego 1, 39-460 Nowa Dęba

5. Where applicable, name and contact address of the authorised representative:

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6. System or systems of assessment and verification of constancy of performance of the construction product:

Conformity assessment system 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

IZOLACJA COBR PIB nr 1486, Al. Korfantego 193, 40-157 Katowice,
performed **initial type-testing** under conformity assessment system **3**
and issued **test reports No. 94/12 and No. 74/11/141/F-1.**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not relevant.

9. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Length	25 [m] , 50 [m] -0 [%]	PN-EN 1848-2
Width	1,5 [m] + 1,5/- 0,5 [%]	PN-EN 1848-2
Straightness	max 30[mm] na 10[m]	PN-EN 1848-2
Mass per unit area	115 +/- 20 [g/m ²]	PN-EN 1849-2
Reaction to fire	E-d2	PN-EN 13501-1 + A1
Water tightness	W1	PN-EN 1928 (method A)
Water vapour transmission – Sd parameter, i.e. diffusively equivalent air layer thickness	0,015 + 0,02/- 0,01 [m]	PN-EN ISO 12572 (set C)
Tensile properties: - along - across	230 +60/- 80 [N/50 mm] 135 +60/- 80 [N/50 mm]	PN-EN 12311-1 (PN-EN 13859-1 Annex A)
Elongation: - along - across	70 +40/- 30 [%] 90 +40/- 30 [%]	
Resistance to tearing: - along	100 + /- 50 [N]	

- across	110 + 100/- 50 [N]	
Dimensional stability:		
- along	+/- 3 [%]	PN-EN 1107-2
- across	+/- 1 [%]	
Flexibility at low temperature	- 25 [°C]	PN-EN 1109
Resistance to artificial ageing:		
Tensile properties:		
- along	200 +/- 80 [N/50 mm]	PN-EN 13859-1 Annex C (PN-EN 1297, PN-EN 1296)
- across	120 +/- 80 [N/50 mm]	
Elongation:		PN-EN 12311-1 (PN-EN 13859-1 Annex A) PN-EN 1928 (method A)
- along	50 + 40/- 30 [%]	
- across	70 + 40/- 30 [%]	
Water tightness:	W1	
Resistance to penetration of air, air permeability by +/- difference in pressure	≤ 0,1 [m3/(m2xhx50Pa)]	PN-EN 13859-2 PN-EN 12114

10. The performance of the products identified in points 1 and 2 is in conformity with the declared performance in point 9.

Additional information:

Product does not contain dangerous substances listed in REACH. Installation instructions indicated in point 3 can be found on website: www.marma.com.pl

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Krzysztof Stachowicz Quality Manager

Nowa Dęba, 01.07.2013