## DECLARATION OF PERFORMANCE

## No. 04/2016/ND

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

2. Intended use or uses:

2.1. Water vapour control layers

2.2. Underlays for walls

3. Manufacturer:

Marma Polskie Folie Sp. z o.o. ul. Postępu 15C, 02-676 Warszawa Production plant: Ul. Siedleckiego 2, 39-460 Nowa Dęba

4. System or systems of assessment and verification of constancy of performance of the construction product:
3.

5. Harmonized standard: EN 13859-1: 2010 EN 13859-2: 2010 Notified body or bodies: no. 1434, Polskie Centrum Badań i Certyfikacji S.A

6. Declared performance

| Essential characteristics        | Performance                       | Harmonised technical specification   |
|----------------------------------|-----------------------------------|--------------------------------------|
| Reaction to fire                 | E                                 |                                      |
| Water tightness                  | W1                                |                                      |
| Tensile properties:              | - along: 280 + 60/- 80 [N/50 mm]  |                                      |
|                                  | - across: 190 + 60/- 80 [N/50 mm] |                                      |
| Elongation:                      | - along: 90 +/- 50 [%]            |                                      |
|                                  | - across: 110 +/- 50 [%]          |                                      |
| Resistance to tearing:           | - along: 180 +/- 70 [N]           | EN 138E0 1, 2010                     |
|                                  | - across: 230 +/- 70 [N]          | EN 13859-1: 2010<br>EN 13859-2: 2010 |
| Flexibility at low temperature   | - 25 [ <sup>°</sup> C]            | EN 13639-2. 2010                     |
| Resistance to artificial ageing: |                                   |                                      |
| Tensile properties:              | - along: 230 +/- 80 [N/50 mm]     |                                      |
|                                  | - across: 150 +/- 80 [N/50 mm]    |                                      |
|                                  |                                   |                                      |
| Elongation:                      | - along: 60 +/- 40 [%]            |                                      |
|                                  | - across: 80 +/- 40 [%]           |                                      |
|                                  |                                   |                                      |
| Water tightness:                 | W1                                |                                      |
| Water vapour transmission        | Sd parameter, i.e. diffusively    |                                      |
|                                  | equivalent air layer thickness    | EN 13859-2: 2010                     |
|                                  | 0,015 +0,03/-0,01 [m]             |                                      |

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.

Signed on behalf of the manufacturer by:

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Krzysztof Stachowicz Quality Manager Nowa Dęba, the 29<sup>th</sup> of January 2020