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EN 13859-1 ; EN 13859-2

## Declaration of Performance

According to Annex of Regulation (EU) no.305/2011

Nr 06/2016/ND

for the product

### KAPROTEX 165 PLUS

<b>1. Product Type : Unique identification code of the product type</b>	<b>165 PLUS</b>
<b>2. Intended use or uses of the construction product</b>	2.1. Water vapour control layers 2.2. Underlays for walls
<b>3. Manufacturer</b>	<b>Marma Polskie Folie Sp. z o.o.</b> ul. Postępu 15C, 02-676 Warszawa Production plant: Ul. Siedleckiego 2, 39-460 Nowa Dęba
<b>4. System of assessment and verification of constancy of performance</b>	Conformity assessment System 3
<b>5. Harmonized standard</b>	EN 13859-1 Flexible sheets for waterproofing – Definitions and characteristics of underlays – Part 1: Underlays for discontinuous roofing.  EN 13859-2 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

CHARACTERISTIC	VALUES	HARMONIZED TECHNICAL SPECIFICATION
Reaction to fire	E	EN 13859-1 EN 13859-2
Water penetration	W1	
Tensile strength MD	350 (N/50 mm) (+60/- 80 N)	
Tensile strength CD	240 (N/50 mm) (+60/-80 N)	
Elongation MD	90 % (+/- 50 )	
Elongation CD	110 % (+/- 50)	
Water vapour transmission Sd	Sd 0,015 m (+0,03/-0,01m)	
Tear Resistance MD	230 N (+/-80 N)	
Tear Resistance CD	300 N (+/-90 N)	
Flexibility at low temperature	-25 °C	
<b>Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat</b>		
Water penetration	W1	EN 13859-1 EN 13859-2
Tensile strength MD	310 (N/50 mm) (+100/- 70 N)	
Tensile strength CD	200 (N/50 mm) (+100/-70 N)	
Elongation MD	60 % (+/-40%)	
Elongation CD	80 % (+/-40%)	

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:

Krzysztof Stachowicz Quality Manager  
Nowa Dęba, 05.01.2024

