

Climateq® PRO 165

Declaration of Performance No 01/2019/165/CL/E

1. Unique identification of product: **Climateq® PRO 165 breathable membrane**
2. Intended use: **Breathable roof underlay CLIMATEQ is a flexible three-layer polypropylene sheet material for use as a roof tile underlays in warm non-ventilated, cold ventilated and cold non-ventilated pitched roof systems. It can be also used in timber-frame walls with a cavity and a masonry outer leaf, weatherboarding or tile/slate cladding. It is important that the designers, planners, contractors and/or installers ensure that the roof ceiling are constructed in accordance with the producer instructions and information.**
3. Manufacturer: **Z.P.H.U. WA-BIS Waldemar Wata, Łany 66, 28-330 Wodziszław, Poland**
 Production plant: **Łany 66, 28-330 Wodziszław, Poland**
4. System of assessment and verification of performance: **System 3.**
5. Harmonized standard covering the construction product:
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. Part 2: Underlays for walls.
Laboratory of Instytutu Mechanizacji Budownictwa i Górnictwa Skalnego Al. W. Korfantego 193A, 40-157 Katowice, Notified body N° 1454

6. Declared performances:

ESSENTIAL CHARACTERISTICS	PERFORMANCES	HARMONISED TECHNICAL SPECIFICATION
Reaction to fire [Class]	E	EN 13859-1:2010 EN 13859-2:2010
Resistance to water penetration before ageing [Class]	W1	
Tensile strength before ageing, [N/50mm]: - longitudinal - transverse	390 ± 40 220 ± 30	
Elongation before ageing, [%]: - longitudinal - transverse	70 ± 25 80 ± 25	
Tear resistance, [N]: - longitudinal - transverse	145 ± 45 190 ± 50	
Flexibility at low temperature [°C]	-40	
Resistance to water penetration after ageing [Class]	W1	
Tensile strength after ageing, [N/50mm]: - longitudinal - transverse	350 ± 20 180 ± 20	
Elongation after ageing, [%]: - longitudinal - transverse	40 ± 15 55 ± 15	
Dangerous substances	Not contain	

The performance of the product identified in points 1 and 2 is in conformity with the declared performances in point 6.

This declaration of performance is issued based on the 305/2011 UE regulation under the sole responsibility of the manufacturer identified in point 3.

Łany 28.03.2019

Signed for on behalf of the manufacturer:
Waldemar Wata – President

