

Climateq® RANGE 150

Declaration of Performance 08/2018/150R/CL/E

- Unique identification of product: **Climateq® RANGE 150 breathable membrane**
- Intended use: **Breathable roof underlay CLIMATEQ is a flexible 4-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 informations.**
- Manufacturer:
Z.P.H.U. WA-BIS Waldemar Wata, Łany 66, 28-330 Wodziszaw, Poland Production plant: Łany 66, 28-330 Wodziszaw, Poland
- System of assessment and verification of performance: **System 3.**
- 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 Shirley Technologies Limited - BTTG™ Unit 14, Wheel Forge Way, Trafford Park, Manchester, M17 1EH, UK., Notified Body N° 0338, Made the tests based on N°3 system**

6. Declared performances:

ESSENTIAL CHARACTERISTICS	PERFORMANCES	HARMONISED TECHNICAL SPECIFICATIONS
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	490 ± 50 370 ± 50	
Elongation before ageing, [%]: - longitudinal - transverse	40 ± 30 40 ± 30	
Tear resistance, [N]: - longitudinal - transverse	380 ± 50 400 ± 50	
Flexibility at low temperature [°C]	-40	
Resistance to water penetration after ageing [Class]	W1	
Tensile strength after ageing, [N/50mm]: - longitudinal - transverse	435 -40/+50 368 -40/+50	
Elongation after ageing, [%]: - longitudinal - transverse	16 -5/+30 10 -5/+40	
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 07.05.2018

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

