

Climateq® PRO 180 BLACK

Declaration of Performance No 01/2019/180/CL/E

- Unique identification of product: **Climateq® PRO 180 BLACK** breathable membrane
- 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.**
- Manufacturer: **Z.P.H.U. WA-BIS Waldemar Wata, Łany 66, 28-330 Wodziszław, Poland .**
 Production plant: **Łany 66, 28-330 Wodziszław, 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 Instytutu Mechanizacji Budownictwa i Górnictwa Skalnego AL. W. Korfanteo 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	460 ± 50 250 ± 50	
Elongation before ageing, [%]: - longitudinal - transverse	75 ± 20 90 ± 20	
Tear resistance, [N]: - longitudinal - transverse	170 ± 45 215 ± 55	
Flexibility at low temperature [°C]	-40	
Resistance to water penetration after ageing [Class]	W1	
Tensile strength after ageing, [N/50mm]: - longitudinal - transverse	420 ± 40 225 ± 20	
Elongation after ageing, [%]: - longitudinal - transverse	55 ± 40 65 ± 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 28.03.2019

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

