



## Climateq® POP 100

### Declaration of Performance N° 01/2019/100/CL/E

- Unique identification of product: **Climateq POP100 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 Wodzistaw, Poland**  
Production plant: **Łany 66, 28-330 Wodzistaw, Poland**
- System of assessment and verification of performance: **System 3.**
- Harmonized standard covering the construction product:  
**EN 13859-1:2014 Flexible sheets for waterproofing – Definitions and characteristics of underlays.**  
**Part 1: Underlays for discontinuous roofing**  
**EN 13859-2:2014 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 No 1454**
- 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	220 ± 45 130 ± 45	
Elongation before ageing, [%]: - longitudinal - transverse	60 ± 25 70 ± 25	
Tear resistance, [N]: - longitudinal - transverse	100 ± 45 125 ± 65	
Flexibility at low temperature [°C]	-40	
Resistance to water penetration after ageing [Class]	W1	
Tensile strength after ageing, [N/50mm]: - longitudinal - transverse	185 ± 15 105 ± 15	
Elongation after ageing, [%]: - longitudinal - transverse	40 ± 20 60 ± 20	
Dangerous substances	not contained	

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 4.

Łany 28.03.2019

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