



Declaration of Performance N° 02/2016/CL

1. *Unique identification of product:*

Climateq POP120 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 mansory 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.

3. *Manufacturer:*

ZPHU WA-BIS Waldemar Wata, ul. Polna 3, 42-445 Szczekociny. Production plant: Tarnawa 34a, 28-340 Sędziszów, 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 IZOLACJA COBR PIB Katowice branch, Al. W. Korfantego 193A, 40-157 Katowice, Notified body N° 1486,

Made the tests based on N°3 system and issued the test reports: 154/12/429/F-2; 154/12/F-2/V; 155/12/433/F-1; 155/12/434/F-2; 167/12/471/F-1; 213/12/574/F-2; 258/12/696/F-1; 26/14/49/F-1

6. *Declared performances:*

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire [Class]	E	4.3.1 EN 13859-1:2010 4.3.1 EN 13859-2:2010
Resistance to water penetration before ageing [Class]	W1	4.3.2 EN 13859-1:2010 4.3.2 EN 13859-2:2010
Water vapour transmission / sd value/ [m]	0,02 ± 0,01	4.3.3 EN 13859-2:2010
Tensile strength before ageing, [N/50mm]: - longitudinal - transverse	250 ± 45 145 ± 45	4.3.4 EN 13859-1:2010 4.3.5 EN 13859-2:2010
Elongation before ageing, [%]: - longitudinal - transverse	60 +/-20 70 +/- 20	4.3.4 EN 13859-1:2010 4.3.5 EN 13859-2:2010
Tear resistance, [N]: - longitudinal - transverse	135 ± 55 185 ± 65	4.3.5 EN 13859-1:2010 4.3.6 EN 13859-2:2010
Flexibility at low temperature [°C]	-40	4.3.7 EN 13859-1:2010 4.3.8 EN 13859-2:2010
Resistance to water penetration after ageing [Class]	W1	4.3.8 EN 13859-1:2010 4.3.9 EN 13859-2:2010
Tensile strength after ageing, [N/50mm]: - longitudinal - transverse	205 ± 40 110 ± 40	4.3.8 EN 13859-1:2010 4.3.9 EN 13859-2:2010
Elongation after ageing, [%]: - longitudinal - transverse	50 ± 20 60 ± 20	4.3.8 EN 13859-1:2010 4.3.9 EN 13859-2:2010

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.

Tarnawa 15.01.2016

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