



# Technical data

## PRO210 FOCUS by CLIMATEQ

### breathable membrane

**Producer:**

Z.P.H.U WA-BIS Waldemar Wata  
Ul. Polna 3; 42-445 Szczekociny \Factory: Łany 66; 28-330 Wodzisław\

**Material:** Elastic PP spunbond + film PP + PP spunbond \ 3-layers product \

Issue date: 03.07.2017

| Product characteristic                    | Test methods   | Unit                                       | Nominal value | Tolerance |         |
|---|----------------|--|---------------|-----------|---------|
|   |                |  |               | Min.      | Max.    |
| Mass per unit area                        | EN 1849-2      | [g/m <sup>2</sup> ]                        | 210           | -7%       | 7%      |
| Length                                    | EN 1848-2      | [m]  | 50            | -0        | -       |
| Width                                     | EN 1848-2      | [m]  | 1,5           | -0,5%     | -1,50%  |
| Reaction to fire                          | EN 13501-1     | [class]                                    | E             | -         | -       |
| Resistance to water penetration           | EN 1928/A      | [class]                                    | W1            | -         | -       |
| Sd value                                  | EN ISO 12572/C | [m]  | 0,015         | -0,01     | 0,01    |
| Water vapour transmission rate            | WVTR           | [g/m <sup>2</sup> /24h]                    | do 3000*      | -         | -       |
| Tensile strength longitudinal /transverse | EN 12311-1A    | [N/50mm]                                   | 490/290       | -65/-65   | +65/+65 |
| Tear resistance longitudinal /transverse  | EN 12310-1     | [N]  | 240/290       | -45/-45   | +45/+45 |
| Elongation longitudinal /transverse       | EN 12311-1A    | [%]  | 60/70         | -20/-20   | +20/+20 |
| UV stability                              |                | [month]                                    | 4             | -         | -       |
| Operating temperature range               |                | [°C]                                       | -40 / +120    | -         | -       |
| Flexibility at low temperature            | EN 1109        | [°C]                                       | -40           | -         | -       |
| Air permeability                          | EN 12114       | [m <sup>3</sup> /(m <sup>2</sup> xhx50Pa)] | ≤ 0,020       | -         | -       |

\*depends on the test conditions. Parameters given in the table are results of the individual samples, it is therefore acceptable deviation rates arising from the production technology. Tests carried out on the basis of the part of the quality management system ISO 9001.

**Application:** CLIMATEQ is designed for applying as a roof underlay on pitched roofs (as an unsupported roof lining material), for all kinds of roofing coatings laid on battens and counter battens, for which the airflow was anticipated along the counter battens., may also laid directly on thermal insulation and be used as wind insulation in wooden and metal framework walls, CLIMATEQ PRO210 FOCUS successfully protects cold (ventilated and non-ventilated) and warm roof constructions, its also recommend to put it on fully supported roofs.

**LOGISTIC DETAILS:**

| PRODUCT IDENTIFICATION   | Pcs per pallet | Gross weight | Pallet sizes |        |        |
|--------------------------|----------------|--------------|--------------|--------|--------|
|                          |                |              | Width        | Length | Height |
| PRO210 FOCUS by CLIMATEQ | 35 rolls       | ca 570 kg    | 1,11m        | 1,53m  | 1,68m  |

EN 13859 – 1 Underlays for discontinuous roofing /undertiles/

EN 13859 – 2 Underlays for walls



Notified Body N° 1454



Prepared by Adam Wajda - Product Manager

Based on DoP N° 07/2017/CL



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