

1. Unique identification code of the product-type: **XDP Thermo (Set: Highly vapour permeable membrane 115 and polyethylene foam)**
2. Intended use/es: **Flexible sheets for waterproofing – Underlays for discontinuous roofing to regulate water vapour penetration (applies to high vapour permeable membrane 115)**
Products for thermal insulation in construction (applies to polyethylene foam)
3. Manufacturer: **FAKRO Sp. z o.o.
ul. Wegierska 144a,
33-300 Nowy Sącz, Poland
fakro@fakro.pl**
4. Authorised representative: **./.**
5. System/s of AVCP: **3**
6. Designated standard: **EN 13859-1: 2010 (applies to high vapour permeable membrane 115)
EN 16069: 2012+A1:2015 (applies to polyethylene foam)**
- Approved body/ies: **Polskie Centrum Badań i Certfikacji S.A. (NB 1434) (applies to high vapour permeable membrane 115)
FIRES (NB 1396), Instytut Techniki Budowlanej (NB 1488) (applies to polyethylene foam)**
7. Declared performance/s:

Essential characteristics		Performance (applies to high vapour permeable membrane 115)	Designated technical specification	
7.1	Reaction to fire	E-d2	EN 13859-1: 2010	
7.2	Water tightness	W1		
7.3	Tensile properties: - longitudinal - transverse	230 +60/-80 [N/50mm] 150 +60/-80 [N/50mm]		
	Elongation: - longitudinal - transverse	90 +/-50 [%] 110 +/-50 [%]		
7.4	Resistance to tearing: - longitudinal - transverse	120 +/-50 [N] 160 +/-60 [N]		
7.5	Flexibility at low temperature	-25 [°C]		
7.6	Resistance to artificial ageing: Tensile properties: - longitudinal - transverse	200 +/-80 [N/50mm] 120 +/-80 [N/50mm]	EN 16069: 2012+A1:2015	
	Elongation: - longitudinal - transverse	60 +/-40 [%] 80 +/-40 [%]		
	Water tightness	W1		
Essential characteristics		(applies to polyethylene foam)		
7.7	Reaction to fire	E		
7.8	Release of hazardous substances into the interior	NPD		
7.9	Sound absorption coefficient	NPD		
7.10	Airborne sound insulation coefficient	NPD		
7.11	Combustion through continuous incandescence	NPD		
7.12	Thermal resistance	$\lambda_D = 0,041 \text{ W}/(\text{m}\cdot\text{K})$		
7.13	Water permeability	NPD		
7.14	Water vapour permeability	NPD		
7.15	Compressive strength	NPD		
7.16	Impact noise transmission index (for floors)	NPD		
7.17	Insulation durability to heat, weather conditions, ageing/degradation	NPD		
7.18	Compressive strength in case of ageing/degradation	NPD		
7.19	Resistance to fire, heat, weather conditions, ageing/degradation	NPD		

NPD – no performance determined

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer:



Tomasz Cisoń

Nowy Sącz, 03.10.2022