



TECHNICAL DATASHEET No. 11/2013

Type of product: Vapour permeable membrane

Identification code of the product-type: 155

Commercial name: Membrane EUROTOP S4 1,5x50m

Structure: Laminate of polypropylene non-woven with active PP+CaCO₃ film reinforced with polypropylene net

Parameters:

PRODUCT CHARACTERISTIC	TEST METHODS	UNIT	VALUE
Length	PN-EN 1848-2	[m]	50
Width	PN-EN 1848-2	[m]	1,5
Straightness	PN-EN 1848-2	-	Compliance
Dimensional stability Dimension along/across	PN-EN 1107-2	[%]	-
Mass per unit area	PN-EN 1849-2	[g/m ²]	155
Reaction to fire	PN-EN1350-1	[Class]	E-d2
Water tightness before and after artificial ageing	PN-EN 1928 (Method A)	[Class]	W1
Water vapour transmission (Sd)	PN-EN ISO 12572/C	[m]	0,010
Tensile resistance before artificial ageing along/across	PN-EN1231-1 A PN-EN13859-1	[N/50mm]	360/280
Elongation before artificial ageing along/across	PN-EN 12311-1 A PN-EN13859-1	[%]	15/15
Resistance to tearing along/across	PN-EN 12310-1 PN-EN 13859-1/B	[N]	190/200
Flexibility at low temperature	PN-EN 1109	[°C]	-25
Resistance to penetration of air by +/- difference in pressure	PN-EN 12114	[m ³ /(m ² xhx50Pa)]	≤0,1
Tensile resistance after artificial ageing along/across	PN-EN 12311-1 A PN-EN 13859-1	[N/50mm]	320/220
Elongation after artificial ageing along/across	PN-EN 12311-1 A PN-EN 13859-1	[%]	10/10

Application:

1. Flexible sheets for waterproofing – Underlays for discontinuous roofing, according to PN-EN 13859-1: September 2010

- 1.1. As a precoat, sealing roof coverings which are based on battens and counter-battens in non-ventilated roofs and in ventilated roofs with ventilated coverings;
- 1.2. As a protective-spacer layer of thermal insulation under coverings based on sheathings in ventilated roofs with a slope $> 10^\circ$;
- 1.3. As a sealing of coverings laid on contact with sheathing – under tiles e.g. of slate, sheet, fiber cement etc. in ventilated and non-ventilated roofs.
- 1.4. As a sealing of plates of „on-rafter” thermal insulation, e.g. PIR, PUR etc. according to manufacturer’s instructions.

2. Flexible sheets for waterproofing – Underlays for walls, according to PN-EN 13859-2: September 2010

- 2.1. As a wind-insulation (draft-tight layer) in stud walls of wooden or metal construction;
- 2.2. As a sealing and protection of thermal insulation in wooden and concrete ceilings.

Storage conditions: Rolls should be stored in dry, cool space, on a flat and clean floor.

Packaging: Rolls are packed in EUROTOP S4 wrapper, placed on a wooden pallet, 25 pieces on each. EUROTOP S4 label is added to every roll. Pallets are protected with film.

Supplier: FAKRO sp. z o.o.
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33-300 Nowy Sącz

This technical datasheet was compiled on the basis of the declaration of performance no. **11/2013/ND.**

*The above information was prepared in a good faith, it is precise and consistent with our current knowledge of the subject. The parameters were prepared on the base of the average values checked during our standard production process.
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