

FLAGON EP

Unreinforced TPO Membrane for detailing

April 2024

DESCRIPTION:

Membrane composed of modified polyolefin (TPO). Used for detailing work. The membrane is distinguished by a very high resistance to weathering and UV-rays.

PACKAGING:

Packing	Standard	Unit	Value	
Length of roll	EN 1848-2	m	≥ 20	
Width of roll	EN 1848-2	m	≥ 1.05	
Weight/roll		Kg	± 30	
Rolls/pallet			14	

TECHNICAL DATA:

Composition	Standard	Unit	Value	
Material			Modified polyolefin (TPO)	
Reinforcement			-	

Characteristics	Standard	Unit	Value	Tolerance
Membrane thickness	EN 1849-2	mm	1.5	± 5%
Weight	EN 1849-2	kg/m ²	1.40	
Tensile force (L / T)	EN 12311-2	N/mm ²	≥ 9	
Elongation at maximum tensile force (L / T)	EN 12311-2	%	≥ 550	
Tear resistance (L / T)	EN 12310-2	N	≥ 165	
Resistance to impact	EN 12691-A	mm	≥ 800	
Foldability at low temperature	EN 495-5	°C	≤ -25	
Watertightness	EN 1928		Pass	
Durability: exposure to UV, heat and water	EN 1297		Grade 0	
Resistance to static loading	EN12730-B	kg	≥ 20	
Reaction to fire	EN 11925-2 / EN 13501-1		E	
Water vapour diffusion resistance coefficient (μ)	EN 1931		150000	± 30%

INSTALLATION:

Applied for detailing work in combination with modified polyolefin (TPO) waterproofing membranes. The overlaps need to be welded with hot air. The membrane is applied in conjunction with accessories from Equus Industries Ltd.

BUILDING COMPLIANCE INFORMATION:

For building compliance information see the relevant system TDS. FLAGON TPO Roof and Deck Membrane or FLAGON TPO-THERM Warm Roof System.

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HEALTH AND SAFETY:

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements. For more information, please refer to the relevant safety data sheet.

Quality, Environment and Safety Management

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with EN ISO 9001 and EN ISO 14001.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	Italy
Legal and trading name of manufacturer	Soprema New Zealand Limited
Manufacturer address for service	Level 3, Candida Building 4, 61 Constellation Drive, Mairangi Bay, Auckland 0630, New Zealand
Manufacturer website	www.soprema.com.au
Manufacturer email	info@soprema.com.au
Manufacturer phone number	+61 3 9221 6230
Manufacturer NZBN	9429050312962