



WATERPROOFING

APPLICATIONS

FLAGON EPDM

TECHNICAL DATA SHEET

ANZ-TDS-148 FLAGON EPDM

DESCRIPTION

A UV resistant synthetic rubber sheet for roof waterproofing. FLAGON EPDM is a flexible, internally reinforced. It is a UV resistant, synthetic rubber waterproof sheet based on synthetic rubber Ethylene-Propylene-Diene Terpolymer with excellent long term service life. Used for roof waterproofing projects with fully adhered/mechanically-fastened application systems, welding methods will be approved.

CERTIFICATES

- CE Certificates;
- Certified by TUV & SGS;
- ISO90001 & ISO14001.

FEATURES

- Excellent resistance to alkali rains;
- Excellent low-temperature bending;
- Excellent UV-resistance and anti-aging;
- Excellent puncture resistance;
- Especially suited for projects with high requirements in durability

PACKAGING

- Supply in 75m² or 180m² per roll, and packed into plastic bag or non-woven bag

STORAGE AND HANDLING

- Store rolls on horizontal position to prevent damaged;
- Avoid sun-baked and rain, store rolls in a clean dry location;
- And cover as necessary to protect rolls from environmental damage, heat, cold, or moisture etc;

HEALTH AND SAFETY

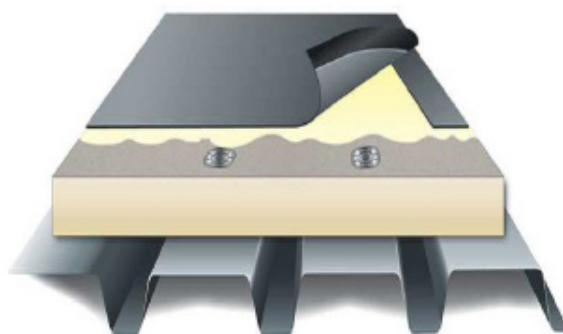
- FLAGON EPDM should be used as directed, non-hazardous to health under normal usage. And for further information about health and safety on these products, the user should refer to MSDS (Materials Safety Data Sheet) obtained from distributor.

SHELF-LIFE

- 12 Months with correct storage;

APPLICATION

- Widely used for all kinds of flat roofs; metal roofs, wooden roofs, concrete roof etc.
- Green roof
- Roof gardens;
- Mining wastewater containment;
- Pond liner;
- Water tank liner.



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NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

TDS_FLAGON_PVC_VAPOUR_AERATOR_2021_RA



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PROPERTIES

	COLOUR	WIDTH	LENGTH	THICKNESS
FLAGON EPDM 1500	BLACK	6.0m	30m	1.5mm
FLAGON EPDM 2000	BLACK	3.0m	25m	2.0mm

FLAGON EPDM 1500

ITEM	STANDARD	UNIT	FLAGON EPDM 1500
THICKNESS	EN 1849-1	mm	1.5 (5/+10%)
LENGTH	EN 1848-1	m	30 (-0.5/+0.5%)
WIDTH	EN 1848-1	m	6.0 (-1/+1%)
MASS PER UNIT AREA	EN 1849-1	kg/m ²	1.65 (5/+10%)
TENSILE STRENGTH	EN 12311-2	n/50mm, ≥	1000
ELONGATION AT BEAK	EN 12311-2	%, ≥	15
TEAR RESISTANCE	EN 12310-2	n, ≥	250
DIMENSIONAL STABILITY	EN 1107-2	%, ≤	0.5
COLD FLEXIBILITY	EN 495-5	°C	-45, No crack
JOINT PEEL RESISTANCE	EN 12316-2	n/50mm, ≥	200
STATIC LOADING RESISTANCE	EN 12730	kg	20
WATERTIGHTNESS	EN 1928B	--	PASS
UV-RESISTANCE	EN 1297	--	PASS

FLAGON EPDM 2000

ITEM	STANDARD	UNIT	FLAGON EPDM 2000
THICKNESS	EN 1849-1	mm	2.0 (5/+10%)
LENGTH	EN 1848-1	m	25 (-0.5/+0.5%)
WIDTH	EN 1848-1	m	3.0 (-1/+1%)
MASS PER UNIT AREA	EN 1849-1	kg/m ²	2.0 (5/+10%)
TENSILE STRENGTH	EN 12311-2	n/50mm, ≥	1000
ELONGATION AT BEAK	EN 12311-2	%, ≥	15
TEAR RESISTANCE	EN 12310-2	n, ≥	300
DIMENSIONAL STABILITY	EN 1107-2	%, ≤	0.5
COLD FLEXIBILITY	EN 495-5	°C	-45, No crack
JOINT PEEL RESISTANCE	EN 12316-2	n/50mm, ≥	200
STATIC LOADING RESISTANCE	EN 12730	kg	20
WATERTIGHTNESS	EN 1928B	--	PASS
UV-RESISTANCE	EN 1297	--	PASS



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