

PRODUCT DATA SHEET

DESCRIPTION

FLAGON PVC PZ membrane is an opaque, non-reinforced, synthetic membrane made by co-extrusion from PVC-P. It is highly resistant to attack by micro-organisms and perforation by roots.

STORAGE & HANDLING

Rolls must be stored in upright position. Store rolls in a clean dry location and cover as necessary to protect from any environmental impact such as extreme cold, heat, or moisture. Monitor varying environmental conditions during storage, handling and application of FLAGON® PVC PZ.

USER APPLICATION

FLAGON® PVC PZ can be used in single ply, vertically and horizontally in substructure and superstructure applications. All the application guidelines are described in SOPREMA's Technical Manuals in force.

ADVANTAGES

- High mechanical resistance
- High puncture resistance
- High resistance to attack by micro-organisms
- Can be used in the Flag Vacuum system

HEALTH, SAFETY & ENVIRONMENT

The product does not contain any substance likely to be detrimental to health or to the environment and complies with generally admitted Health & Safety Requirements. For further information please refer to relevant Material Safety Data Sheet (MSDS).

TRACEABILITY

Product traceability is ensured through a manufacturing identification present on the packaging.

QUALITY 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 Management Systems in line with ISO 9001:2015.



COMPOSITION & PACKAGING

PROPERTY	FLAGON® PVC PZ	
	1.6 mm	2.0 mm
Thickness	1.6 mm	2.0 mm
Roll dimension	2.10 x 20 m	
Roll weight	2.2 kg / m ²	2.72 kg / m ²
Rolls per pallet	23 Rolls	18 Rolls

TECHNICAL PROPERTIES

PROPERTY	STANDARDS	FLAGON® PVC PZ 1.6	FLAGON® PVC PZ 2.0
Tensile strength	EN ISO 527-3	> 10 N / mm ²	> 10 N / mm ²
Elongation to break	EN ISO 527-3	≥ 100 %	≥ 100 %
Puncture resistance	EN ISO 12236	> 1700 N	> 2000 N
Cold bending	EN 495 / 5	< - 20 °C	< - 20 °C
Resistance to perforation by root	CEN TS 14416	No perforation	No perforation
Water permeability after 6 hrs at 0.5 MPa	EN 1928 (B) EN 14150	Watertight < 10 ⁻⁵ m ³ m ⁻² d ⁻¹	Watertight < 10 ⁻⁵ m ³ m ⁻² d ⁻¹
Resistance to oxidation variation in tensile strength	EN 14575	≤ 25 %	≤ 25 %

*Note: All products manufactured by SOPREMA comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.
Data is represented by average values, unless noted otherwise.
All values are nominal.*

TESTING AND CERTIFICATIONS



SUSTAINABILITY AND ENVIRONMENT

