

## FLAGON AT

### Description

Membrane composed of flexible PVC.

Used as single layer waterproofing for hydraulic works for drinking water like basins and tanks. The membrane is suitable for salt, fresh and low chemical concentration water (always verify the compatibility\*). The dark gray version can be used in fish ponds.

The membrane is distinguished by a high resistance to weathering and UV rays, with a high resistance to puncture and a high mechanical resistance.

\* contact Soprema for more information

### Characteristics

Composition	Standard	Unit	Value			Tolerance
Material				flexible PVC		
Reinforcement				-		
Standard colour				white		
Technical characteristics						
Membrane thickness	EN 1849-2	mm	1,2	1,5	2,0	± 5 %
Mass	EN 1849-2	kg/m²	1,54	1,92	2,56	
Tensile force (L / T)	EN 527-3	N/mm²		≥ 17		
Elongation at break (L / T)	EN 527-3	%		≥ 300		
Resistance to static loading	EN 12236	N	> 1450	> 1800	> 2450	
Tear resistance	ISO 34	N		≥ 45		
Foldability at low temperature	EN 495-5	°C		≤ -30		
Resistance to root penetration	CEN TS 14416			voldoet		
Water permeability	EN 14150	m³/(m².d)		< 10 <sup>-6</sup>		
Durability:						
- oxidation, variation in tensile properties	EN 14575	%		≤ 25		
- environmental stress cracking resistance	ASTM D 5397	h		not applicable		
- weathering, variation in tensile prop. after 10500 h	EN 12224	%		≤ 25		
Watertightness	EN 1928	kPa/6 h		≥ 500		
Resistance to thermal aging in water:						
- variation in tensile force	EN 14415	%		< 25		
- mass loss		%		< 5		
Packing						
Length of the roll	EN 1848-2	m	≥ 20	≥ 20 / 25	≥ 20	
Width of the roll	EN 1848-2	m		2,10		
Mass/roll		kg	± 65	± 81/101	± 108	
Rolls/pallet			28	23 / 18	18	

NPD = no performance determined

### Installation

Loose-laid waterproofing for structures containing liquids.

The overlaps are welded with hot air or hot wedge.

The membrane is applied in conjunction with accessories from FLAG.

### Special indications

#### Hygiene, Health and Environment

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**.

**SOPREMA** reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.

Contact: [www.soprema.com](http://www.soprema.com)