



FLAGON PVC ALU

FLAGON PVC ALU is a PVC membrane laminated with an aluminium foil to be applied on **FLAGON PVC** waterproofing systems for fire protection.

All the applications are described in Technical Approvals or **SOPREMA**'s Technical Guidelines



User application

FLAGON PVC ALU is classified A2-s1,d0, to meet the requirements of fire safety standards for the installation on each side of partition walls between sectors, or protection strip for warehouse according to the general requirements applicable to Classified Installations for the Protection of the Environment, subject to the heading N. 1510.

Composition

	FLAGON PVC ALU
Composition	PVC membrane laminated with an aluminium sheet
Nominal thickness	2.3 mm
Nominal thickness of the aluminium foil	80 microns
Colour	Aluminum

Packaging

	FLAGON PVC ALU
Length	5.00 m
Width	0.96 m
Surface	4.80 m ² / roll
Weight	12.96 kg / roll
Storage	Membrane is rolled on a mandrel and packed, Rolls must be stored horizontally on a plastic wrap pallet, Unpacked rolls must be stored on a flat surface, dry and without roughness.



Installation

Surfaces must be perfectly clean and dust free. Bonding quality of the membrane **FLAGON PVC ALU** on **FLAGON PVC** membranes depending on the cleanliness of it. If necessary, provide a preliminary roof cleaning with clean water,

On the clean membrane, **FLAGON PVC ALU** is unrolled and welded on the surface area with a welding machine > 30 kg (add extra weight if necessary) after first made a peeling test to set the correct temperature and the feed rate of the welding machine,

Recommended setting range: 450/520° at 2.00 m/minute,

To apply edge-to-edge (without overlapping), unroll the membrane with 1 to 2 mm overlap,

Weld the next membrane,

Installation perpendicular (5 m) to the parapet,

Along the parapet, a double gluing application is made with the contact adhesive FLEXOCOL V at 350 g/m² (175 g/m² on each side).

When **FLAGON PVC ALU** is in contact with the membrane, press firmly to set it in place,

Finishing is made with a manual welding machine (Leister Triac) after first made a peeling test to set the welding machine.

Maintenance

FLAGON PVC ALU needs maintenance according to annex A of the Code of Practice NF P DTU 43.3 P1-1. The periodical inspection visit of the building must be done at least once per year. During the first year a quarterly inspection is recommended.

Special indications

Hygiene, security and environment:

Product is an "item" according to the European regulation REACH, it is not classified as dangerous,

Concerning product scraps or batch remnants: non-hazardous non-inert waste - reuse, incineration in Authorized Installation or stockpiled in an installation for Storage of Non-Hazardous Waste (ISDND: Dumps of class II).

Please wear gloves when handling the membrane.

Traceability:

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

Quality control:

SOPREMA has always attached the highest importance to the quality of its products, to the respect of environment and men. For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.

Complementary products

Cold applied adhesive **FLEXOCOL V**, contact glue for flashing and details for PVC application.