



FLAGON TVS M0

GLASS FABRIC SCREEN FOR NON-COMBUSTIBLE PROTECTION

User application

Glass fibers fabric screen protection with fire retardant on both faces to provide M0 fire protection for **FLAGON TPO** & **FLAGON PVC** roofing waterproofing membranes.

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

Characteristics

	FLAGON TVS M0
Composition	Glass fibers fabric with PU coating
Thickness of the fabric	≥ 0.30 mm
Grey PU coating	15 g/m ² per side
Colour	Silver grey

Packaging

	FLAGON TVS M0
Roll length	50 m
Roll width	1 m
Coverage	50 m ² / roll
Weight	22.50 kg / roll
Storage	The screen 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

Apply **FLAGON TVS M0** edge-to-edge (without overlapping) with double gluing application with the contact adhesive **FLEXOCOL V for PVC membranes** or **FLEXOCOL TPO for TPO membranes**.

With PVC, it is possible to weld around the screen **FLAGON TVS M0** on PVC membranes.



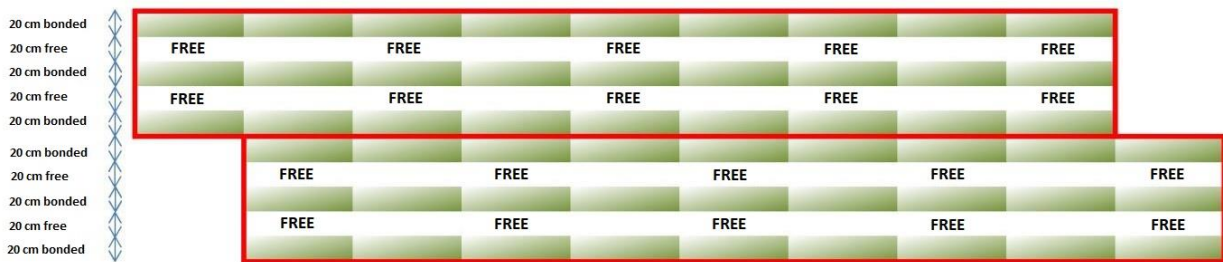
The bonding process is possible on a clean and dust free surface to apply 2 strips of about 20 cm width around the screen and 1 strip of about 20 cm at the center – Thus 2 strips of 20 cm free.

The bonding process is made with 350 g/m² with double gluing application then pressing carefully (175 g/m² on each side).

FLAGON TVS M0 is not watertight, water can migrate to the free zones (without adhesive) – Provide passages for the flow of water.

To illustrate the process: slope →

Water will flow through transverse openings



Double gluing application with 350 g/m² - 175 g/m² on each side - Pressing carefully

To illustrate the process: slope ↓

Maintain few free zones to enable water flow



Double gluing application with 350 g/m² - 175 g/m² on each side - Pressing carefully

Surfaces must be perfectly clean and dust free. Bonding quality of the screen **FLAGON TVS M0** on **FLAGON** membranes depending on the cleanliness of it. If necessary, provide a preliminary roof cleaning with clean water.

It is compatible with all **FLAGON** membranes.



Maintenance

FLAGON TVS M0 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.

Hygiene, health and environment:

FLAGON TVS M0 does not contain any components classified as hazardous. It meets requirements relating to the Hygiene, Security and Environment.

For any additional information, please refer to the relevant Safety Data Sheet.

Complementary products

Membranes **FLAGON TPO** and adhesive **FLEXOCOL TPO**

Membranes **FLAGON PVC** and adhesive **FLEXOCOL V**

Technical characteristics

	FLAGON TVS M0
Composition of the tissue	Glass fibres
Diameter of the fibres	6 to 15 μ
Total weight of the tissue including coating	450 g/m ² \pm 5 g
Thermal resistance of the PU coating	200 °C
Reaction to fire	Euroclass A2-s1,d0 *

* Official classification report about reaction of fire in accordance with EN 13501-1:2007 + A1:2009