

# EXPOSED ROOF SYSTEM IN PVC-P

Cold roof: with sealing element placed on top of the supporting element without thermal insulation

## FULLY ADHERED SYSTEM REINFORCED CONCRETE SUBSTRATE



### ■ SUPPORTING ELEMENT or SUBSTRATE

The substrate must:

1. Be smooth, sound, clean and free from debris and irregularities that may cause damage to the layers above
2. Be stable over time
3. Be chemically compatible with the roofing system components
4. be suitable for mechanical fixing
5. have an adequate slope. A flat or sub-horizontal roof must have a slope ranging from 1.5 and 5%.

### ■ SEALING ELEMENT

**FLAGON SFc** synthetic membrane of plasticised PVC with the addition of a 50 g/m<sup>2</sup> glass fibre reinforcement for stability and coupled to 200 g/m<sup>2</sup> non-woven polyester felt support.

Resistant to ultraviolet rays, to puncturing, to weathering, and to root growth. It has signal layer and it is heat welded on sheet overlaps.

Fully adhered system by means of **FLEXOCOL A89**, a mono-component adhesive formulated with polyurethane.

To obtain the better result, depending on the support surface, use between 300 and 500 g/m<sup>2</sup>.

The perimeter fixing at the base of the upstand must be performed with **Flag pre-drilled bar** in galvanised sheet iron.

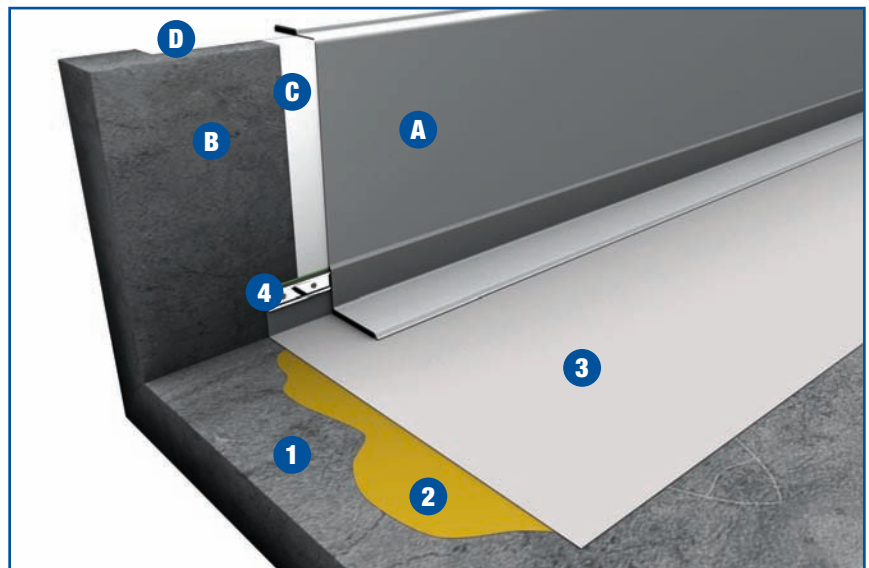
Insert **Flag anti-puncturing joint** at the junction between two adjacent bars and hot-weld the tear prevention curb **FLAGOFIL PVC**.

**Anti-root membrane, FLL certified.**

### ■ PROTECTION

Where pedestrian traffic and pedestrian transit for maintenance operations is possible, the system must be protected by means of **FLAGON WALKWAY PVC**.

	FLAGON SFc		
	STANDARD SYSTEM	OPTIMUM SYSTEM	REINFORCED SYSTEM
Sealing element	SFc - 1.5 mm	SFc - 2.0 mm	SFc - 2.4 mm
Adhesive layer	FLEXOCOL A89	FLEXOCOL A89	FLEXOCOL A89
Slopes	1.5 % ≤ P ≤ 5 %	1.5 % ≤ P ≤ 5 %	1.5 % ≤ P ≤ 5 %



#### Horizontal surface

1. Supporting element
2. FLEXOCOL A89
3. **FLAGON SFc**
4. Perimeter pre-drilled bar

#### Vertical surface

- FLAGON SV**
- h < 50 cm FLEXOCOL V vertical gluing layer  
h > 50 cm mechanical fixing
- Separating layer in non-woven felt (non-adhered roof system)
- Possible finishing elements:
  - Flagmetal termination strip and flashing
  - Flagmetal strip under cap
  - Flagmetal perimeter profile

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Flag S.p.A. - SOPREMA GROUP

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