

## INDUSTRIAL ROOFING – WARM – EXPOSED – EPDM/PVC

SPECIFIC WATERPROOFING SYSTEM OF INDUSTRIAL AND CIVIL ROOFS WITH A EPDM/PVC SUBSTRATE

### SUBSTRATE PREPARATION

- Substrate to be treated must be free from debris and dust. Clean the substrate by either water jetting or air blowing and/or brushing.

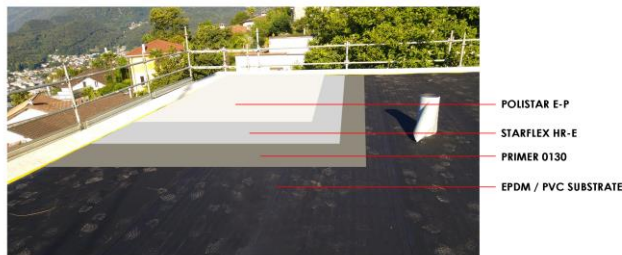
### PRIMING:

### SYSTEM

- **PRIMER 0130**, with roll, brush or airless (with consumption of 100-150 g/m<sup>2</sup> of 1:1 Diluted product with water).  
Over application time must be between 60 minutes and 16 hours according to environmental conditions.

Adhesion promoter for polyurethane elastomers on concrete, metal, wood, asphalt, bituminous membranes, ceramics, PVC and EPDM.

Specially formulated to adhere different types of polyurethane membranes even with different hardening speeds.



### WATERPROOFING MEMBRANES:

- **STARFLEX HR-E**, hybrid elastomeric polyurea system formulated with aromatic isocyanates and special diamines, free from plasticants and solvents, or **STARFLEX HR-S**, fast hardening with a very fast attainment of the final mechanical characteristics, high resistance to the hydrolysis and the abrasion.

The products can be applied exclusively by spraying devices with two-component airless pumping units, equipped with a mixing gun, with a theoretical consumption of 2,2 Kg/m<sup>2</sup>.



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The necessary equipment must also include pre-heating the separate components at temperatures of at least 65-75 ° C. The best results are obtained with pressures of at least 190 -210 Bar, material temperatures of 75 ° C with heated feeding pipes for the spray gun.

TOP COAT:

- POLISTAR E/P, two component elastic polyurethane based UV- resistant, anti-skid and wear resistant protective coating, one component elastic aliphatic polyurea based top coat for manual application at a rate of 0,15-0,25 kg/m² per coat.

The product for anti-slip can be added /charged with 0,1-0,3 mm quartz and or be broadcasted with 0,1- 0,5 quartz on the first of the 2 top coats. When 2 coats must be applied do not let more than 48 hours between the coats.

Table with 2 columns: Performance indicators and S C G H E. Rows include Elastic, Wear resistance, Thickness, and Durability, each with 5 green triangles.

S = Satisfactory // C = Comparable // G = Good // H = High // E = Excellent

- POLISTAR E/2, 2k polyurethane based uv- resistant, anti-skid and wear resistant protective coating, with a consumption of 0,150 Kg/m².

Table with 2 columns: Performance indicators and S C G H E. Rows include Elastic, Wear resistance, Thickness, and Durability, each with 4 green triangles.

S = Satisfactory // C = Comparable // G = Good // H = High // E = Excellent



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**FEATURES**

- High elasticity, abrasion resistance, wear resistance with the ability of crack-bridging.
- Water impermeable, excellent chemical resistance and corrosion resistance.
- Substrate application temperature range: from -20°C a +40°C, dew point of > 5°C (in the absence of condensation).
- Operating temperatures from -40°C to +90°C on the air.

| Industrial roof warm exposed EPDM/PVC |   |                   |                  | 2 mm                     |    |
|---------------------------------------|---|-------------------|------------------|--------------------------|----|
| layer                                 |   | Consumption Kg/mq | thickness DFT mm | Coverage (cost) g/micron |    |
| Primer                                | 1 | PRIMER 0130       | 15               | 10                       | 45 |
| Primer                                | 1 | PRIMER 0190       | 10               | 05                       | 13 |
| waterproofing                         | 2 | STARFLEX HR-E     | 20               | 95                       | 13 |
| top coat                              | 3 | POLISTAR E/P      | 30               | 13                       | 23 |
|                                       |   |                   | 18               |                          |    |

|                      |
|----------------------|
| Over-application (h) |
| walkable 20 minutes  |
| Can be walked on     |
| 1 day                |

|  |           |
|--|-----------|
| Features   |           |
| Adhesion promoter for polyurethane elastomers EPVC/EPDM      |           |
| Waterproofing of floors and podiums, Waterproofing of roofs. |           |
| Operating temperature  | -40<br>90 |

Polyurea  
 Ideal for: inside and outside parking, roofing, squares

