

INDUSTRIAL ROOFING - COLD - EXPOSED - EPDM/PVC

SPECIFIC WATERPROOFING SYSTEM FOR INDUSTRIAL ROOFING WITH 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

SYSTEM

PRIMER:

- **PRIMER 0130** with roll, brush or airless (with consumption of 100-150 g/m² 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 MEMBRANE:

- **STARFLEX MONO** one component moisture curing liquid polyurethane membrane. Application can be done by roller or brush or airless, spray 45:1 or 60:1 (pressure 130-150 bar and nozzle 0,021" or adjustable). Roller application is necessary for reinforced systems.
- **NON REINFORCED SYSTEM:** apply two coats of product, with a consumption of 0,6 Kg/m² for the first layer and 0,6-0,7 Kg/m² for the second. (over-application time from 6 to 48 hours maximum.)

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.

Performance indicators	S C G H E
Elastic	▲▲▲▲▲
Wear resistance	▲▲▲▲▲
Thickness	▲▲▲▲▲
Durability	▲▲▲▲▲

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

FEATURES

- Water vapour permeable, crack-bridging ability. Ideal for outdoor application. Can be over coated to improve U.V. protection.
- Applicable from +5°C to 35°C substrate temperature (R.H. <85%).
- Operating temperatures from -30°C to +80°C in air, (+200°C for short time).

Industrial roof old exposed EPDM/PVC					7 mm		
layer		Consumption Kg/mq	thickness DFT mm	Coverage cost g/micron			
Primer	1	PRIMER 130	0,15	0,10	0,45		
Primer	1	PRIMER 290	1,00	0,047	2,13		
Waterproofing	2	STARFLEX MONO	1,0	0,5	1,9		
Waterproofing	2	STARFLEX MONO TIX	1,3	0,7	1,8		
Reinforcement	3	STARTEX NW/GM		0,50			
Waterproofing	4	STARFLEX MONO	1,0	0,5	1,9		
Waterproofing	4	STARFLEX MONO TIX	1,3	0,7	1,8		
top coat	5	POLISTAR E/P	0,15	0,067	2,3		
					72		

Over-application (h)
24
24
Insensitive to rain
hours

Features
Adhesion promoter for polyurethane elastomers on PVC/EPDM
High elasticity and tensile strength
High elasticity and tensile strength
Operating temperatures
-30°C
80°C

Continuous waterproofing membranes, concrete surfaces protection
 Ideal for: Roofs, renewing old membranes.

