

materiali protettivi milano srl

Sede legale 20122 Milano via Borgogna, 5 REA 1797438 C.F. P.I. Registro Imp. di Milano 05089750961

cap. soc. 10.000 € i.v.

Sede operativa ed amministrativa 20090 Opera(MI) via Adda, 15 tel. +39 02 5760.9116 - 1225 fax +39 02 5760.3410 info@mpmsrl.com www.mpmsrl.com

# INDUSTRIAL ROOFING - COLD - EXPOSED - EPDM/PVC

SPECIFIC WATERPROOFING SYSTEM FOR INDUSTRIAL ROOFING WITH PVC SUBSTRATE

## SUBSTRATE PREPARATION

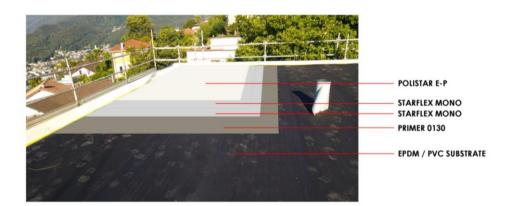
 Substrate to be treated must be free from debris and dust. Clean the substrate by either water jetting or air blowing and/or brushing

#### **SYSTEM**

#### PRIMER:

- **PRIMER 0130** with roll, brush or airless (with consumption of 100-150 g/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 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.)

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#### 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

Elastic

Wear resistance

Thickness

Durability

S C G H E

A A A A

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).

		layer	Consumption Kg/mq	thickness DFT mm	Coverage cost g/micron
Primer	1	PRIMER 0130	0,15	0,10	1,4
Primer	1	PRIMER 0290	0,100	0,047	2,1
Waterproofing	2	STARFLEX MONO	1,0	0,5	1,
Waterproofing	2	STARFLEX MONO TIX	1,3	0,7	1
Reinforcement	3	STARTEX NW/GM		0,50	
Waterproofing	4	STARFLEX MONO	1,0	0,5	1
Waterproofing	4	STARFLEX MONO TIX	1,3	0,7	1
top coat	5	POLISTAR E/P	0,15	0,067	2,2

Over-application (h)  24  24  Insensitive to rain 4 hours	
24 Insensitive to rain	Over-application (h)
Insensitive to rain	24
	24
4 hours	Insensitive to rain
	4 hours

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

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

