

## PORPLASTIC *olympic gold* - world-class sports surface

Massive, one or multilayer full PU-bound system, all layers with coloured EPDM granules, water-impermeable

### SYSTEM LAYERS

**line paint:**

PORPLASTIC X990

**UV-sealing (optional):**

PORPLASTIC S6000 P

**structured cast coating (ca. 3 - 5 mm):**

PORPLASTIC C570 spread with  
PORPLASTIC EPDM 1 - 4 mm

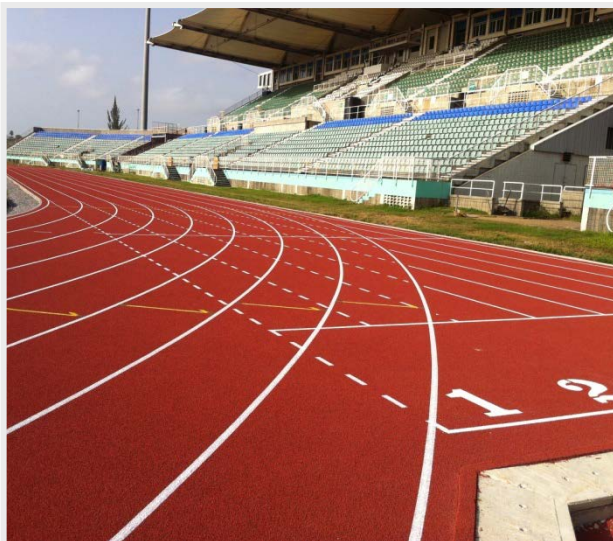
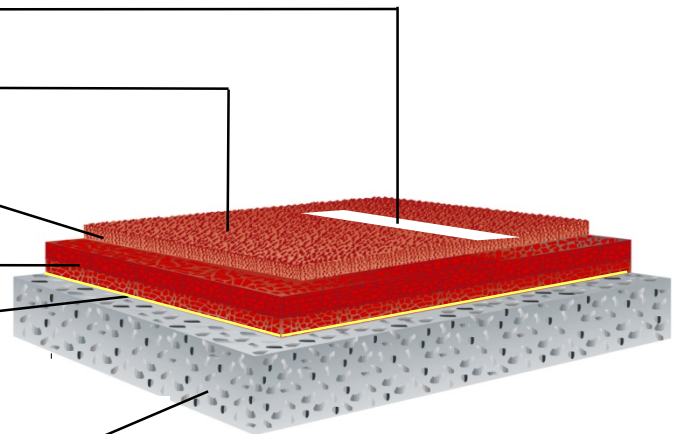
**2 x cast coating (ca. 5 mm per layer):**

PORPLASTIC C570 spread with  
PORPLASTIC EPDM 1 - 4 mm

**primer:**

PORPLASTIC P270 recommended for asphalt  
VIASOL EP-P210 for concrete, small areas, curbs

**bound sub-base (closed asphalt):**



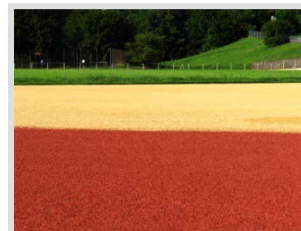
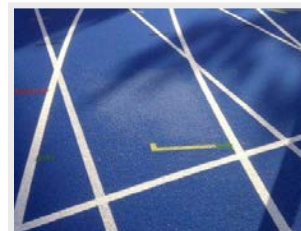
### SYSTEM DESCRIPTION

- total system thickness approx. 13 - 18 mm
- certified in accordance with IAAF
- certified in accordance with DIN V18035/6, type E
- water-impermeable, pore-filled
- self-levelling, jointless
- hard-wearing, long-lasting
- granulated surface for anti-slip properties
- can handle constant toughest stresses by spikes
- dynamically sprung
- excellent appearance
- available in many colours

## PORPLASTIC *M olympic gold*

### APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m <sup>2</sup> )	thickness (mm)	application
line paint	PORPLASTIC X8090	20 – 30 g/lfm	0.1 – 0.2	spray
UV-sealing (optional)	PORPLASTIC S6000 P	0.12 – 0.14 per layer	0.1 – 0.2	spray, in 2 layers
wearing layer	PORPLASTIC C570	ca. 2.8	3 – 5	notched squeegee
	PORPLASTIC EPDM (1 – 4 mm)	2.8 net 4.0 total		broadcast, remove excess
2. cast coating	PORPLASTIC C570	ca. 3.0	ca. 5	notched squeegee
	PORPLASTIC EPDM (1 – 4 mm)	2.5 net 3.0 total		broadcast, remove excess
1. cast coating (* depending on substrate)	PORPLASTIC C570	ca. 3.0 – 3.5*	ca. 5	notched squeegee
	PORPLASTIC EPDM (1 – 4 mm)	2.5 net 3.0 total		broadcast, remove excess
primer	PORPLASTIC P270 for asphalt	0.15 – 0.2	ca. 0.1	roll or spray
	VIASOL EP-P210 for concrete, curbs, small areas	ca. 0.5	ca. 0.4	roll



### FIELDS OF APPLICATION

- running tracks and run-up tracks for international competitions and tournaments at top-class level
- athletic sport areas type A, B, C
- short distance tracks



### TECHNICAL DATA

properties	test norm	result	requirement
tensile strength	IAAF	0.51 N/mm <sup>2</sup>	≥ 0.5 N/mm <sup>2</sup>
	EN 14877	0.59 N/mm <sup>2</sup>	≥ 0.4 N/mm <sup>2</sup>
elongation at break	IAAF	50 %	≥ 40 %
	EN 14877	55 %	
shock absorption (23°C)	IAAF	37 %	35-50 %
	EN 14877	30 %	25-50%
vertical deformation (23°C)	IAAF	1.9 mm	0.6-2.5 mm
	EN 14877	1.4 mm	≤ 3,0 mm
thickness	IAAF	14.2 mm	≥13 mm (IAAF)
	EN 14877	13 mm	≥10 mm (EN)
friction	IAAF EN 14877	86	>47
		wet: 82	80-110
		dry: 85	55-110
resistance to wear	EN 14877	1.62 g	≤ 4.0 g
ageing / color loss	EN 14877	passed / 4	pass/ ≥ 3
spike resistance	EN 14877	passed	pass
environmental requirements (DOC, EOX, heavy metals, smell, chloroparaffins, phthalates)	DIN 18035-6 Table A.1	fulfilled	limit values

Remark: for further information please refer to the product data sheets or contact our technical service. All data are approximate values. Therefore no liability claims can be derived from the system data sheet. As all PORPLASTIC data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see [www.porplastic.com](http://www.porplastic.com) or contact us directly). **Date of issue: July 2018** – all technical information is subject to change without prior notice