

PORPLASTIC *olympic* - world-class sports surface

Massive, one or multilayer full PUR-bound system spread with coloured EPDM granules, water-impermeable

SYSTEM LAYERS

line paint:

PORPLASTIC X990 N

UV-sealer (optional):

PORPLASTIC S620

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

PORPLASTIC C570 spread with
PORPLASTIC EPDM 1 – 4 mm

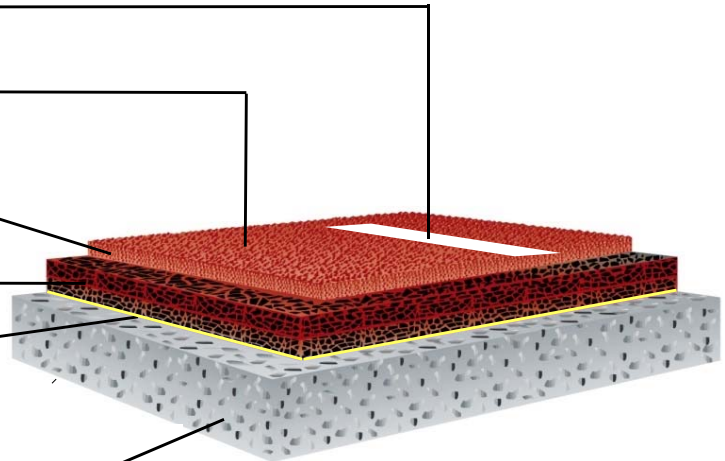
2 x cast coating (ca. 5 mm per layer):

PORPLASTIC C570 spread with
PORPLASTIC rubber granules 1 – 4 mm

Primer (optional):

PORPLASTIC P270 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
- tested according to DIN 18035-6 and EN 14877
- fulfils requirements of AgBB for VOC emission
- water-impermeable, pore-filled
- self-levelling, jointless
- hard-wearing, long-lasting
- granulated surface for anti-slip properties
- can handle constant toughest stresses by spikes
- dynamic elasticity
- excellent appearance
- available in many colours

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APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m ²)	thickness (mm)	application
line paint	PORPLASTIC X990 N	20 – 30 g/lfm	0.1 – 0.2	spray
UV-sealer (optional)	PORPLASTIC S620	0.25 – 0.3 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 rubber granules (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 rubber granules (1 – 4 mm)	2.5 net 3.0 total		broadcast, remove excess
primer (optional)	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	0.53 N/mm ²	≥ 0.5 N/mm ²
	EN 14877	0.59 N/mm ²	≥ 0.4 N/mm ²
elongation at break	IAAF	80 %	≥ 40 %
	EN 14877	55 %	
shock absorption (23°C)	IAAF	38 %	35-50 %
	EN 14877	30 %	25-50%
vertical deformation (23°C)	IAAF	1.8 mm	0.6-2.5 mm
	EN 14877	1.4 mm	≤ 3,0 mm
thickness	IAAF	16 mm	≥13 mm (IAAF)
	EN 14877	13 mm	≥10 mm (EN)
friction	IAAF EN 14877	64	>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
<u>environmental requirements</u> DOC, EOX, heavy metals, smell, chloroparaffins, phthalates) PAH	DIN 18035-6 Table A.1 ZEK 01-08	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 or contact us directly). **Date of issue: Oct. 2017** – all technical information is subject to change without prior notice