

PORPLASTIC *SW competition* – great tournaments

Sandwich construction consisting of an elastic layer, pore sealer and cast coating 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

pore sealer (ca. 0.1 mm):

PORPLASTIC L370
(PORPLASTIC C570 + rubber powder)

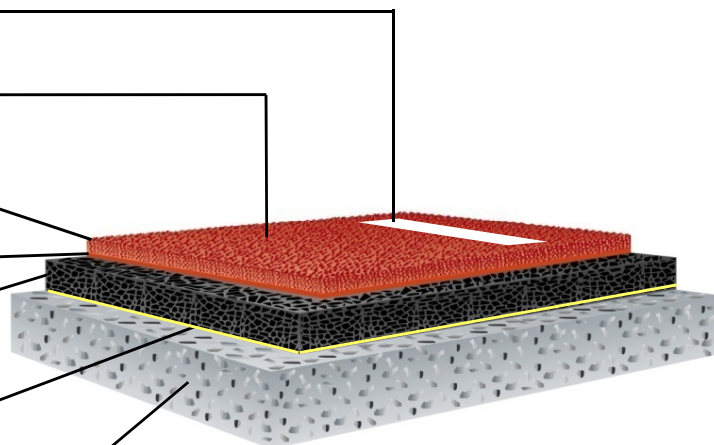
elastic layer (ca. 10 – 12 mm):

PORPLASTIC T770 / T776 with
PORPLASTIC SBR 1 – 4 mm

primer (optional):

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

bound sub-base (asphalt):



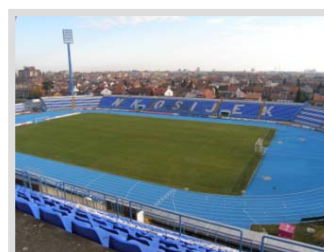
SYSTEM DESCRIPTION

- total system thickness approx. 13 - 17 mm
- certified in accordance with IAAF
- tested according to DIN 18035-6 and EN 14877
- water-impermeable
- sandwich-construction
- extremely spike-resistant
- structured surface
- excellent conditions even when wet or raining
- available in many colours

PORPLASTIC SW competition

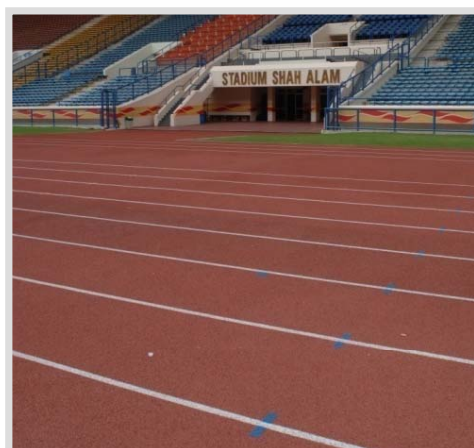
APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m ²)	thickness (mm)	application
line paint	PORPLASTIC X990 N	20-30 g/lfm	.01 – 0.2	spray
UV-sealer (optional)	PORPLASTIC S620	0.13 – 0.15 per layer	0.1 – 0.2	spray, in 2 layers
structured cast coating	PORPLASTIC C570	2.2 – 2.8	3 – 5	notched squeegee
	PORPLASTIC EPDM (1 – 4 mm)	2.8 net 4.0 total		broadcast, remove excess
pore sealer	PORPLASTIC L370 (PORPLASTIC C570 + rubber powder)	1.1 – 1.8	0.1 – 0.2	squeegee or paving-machine with trowel-bar
elastic layer	PORPLASTIC T770 or T776	1.2 – 1.5	10 – 12	paving-machine
	PORPLASTIC SBR (1 – 4 mm)	6.5 – 7.7		
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

- athletic sports areas type A + B + C
- short distance running tracks
- Running/run -up tracks for use in mass sports and competitions



TECHNICAL DATA

properties	test norm	result	requirement
tensile strength	IAAF	0.54 N/mm ²	≥ 0.4 N/mm ²
	DIN V 18035-6	0.68 N/mm ²	≥ 0.3 N/mm ²
elongation at break	IAAF	64 %	≥ 40 %
	DIN V 18035-6	57 %	
force reduction	IAAF (23°C)	40 %	35-50 %
vertical deformation	IAAF (23°C)	1.8 mm	0.6-2.5 mm
standard deformation	DIN V 18035-6	0°C: 1.06	0.6-1.8 mm (at 0 - 40°C)
		23°C: 1.30	
		40°C: 1.53	
thickness	DIN V 18035-6	13.5 mm	≥ 13 mm
relative abrasion	DIN V 18035-6	1.1	> 1
friction (sliding coefficient)	IAAF	wet: 0.66	≥ 0.5
	DIN V 18035-6	dry: 0.8	≤ 1.1
spike resistance	DIN V 18035-6	class 1	class 1
remaining indentation	DIN V 18035-6	0.5 mm	≤ 1.0 mm
ageing	DIN V 18035-6	pass	pass
environmental requirements	DIN V 18035-6 table 6	fulfilled	limit values for DOC, EOX, heavy metals, smell

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. 2015** – all technical information is subject to change without prior notice