PORPLASTIC*SB economic* – reliable and long-lasting

Elastic base mat with coloured spray coating for competition, water-permeable

SYSTEM LAYERS

line paint:
PORPLASTIC X990 N

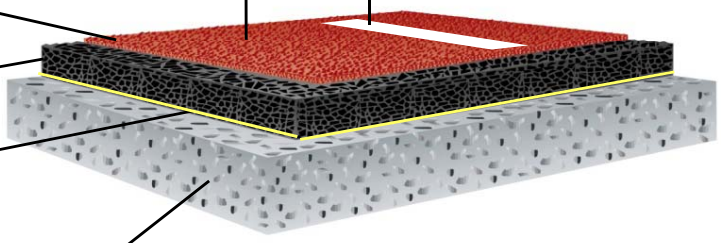
UV-sealer (optional):
PORPLASTIC S620

2x structural spray coating (ca. 1 – 2 mm):
PORPLASTIC S670 / S675 mixed with
PORPLASTIC EPDM 0.5 – 1.5 mm and powder

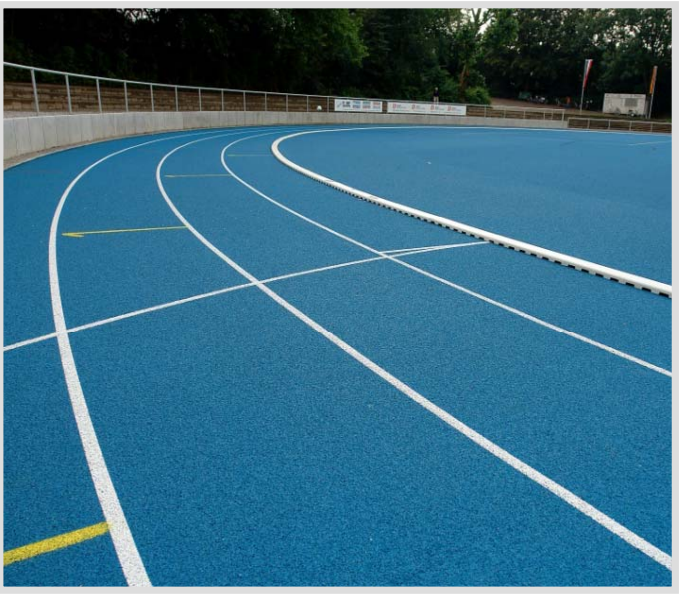
elastic layer (ca. 11 – 16 mm):
PORPLASTIC T770 / T776 with
PORPLASTIC SBR 1 – 4 mm

primer (optional):
PORPLASTIC P270 for asphalt
PORPLASTIC P274 for concrete, curbs, small areas

bound sub-base (asphalt):



IAAF CERTIFIED PRODUCT



SYSTEM DESCRIPTION

- total system thickness approx. 13 - 16 mm
- certified in accordance with IAAF
- tested according to DIN 18035-6 and EN 14877
- water-permeable
- anti-skid granulated surface
- spike-resistant
- available in many colours

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APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m²)	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
structural spray coating	PORPLASTIC S670 / PORPLASTIC S675 PORPLASTIC EPDM (0.5 – 1.5 mm)	ca. 1.2 ca. 0.8	1 – 2	spray, in 2 layers
elastic layer	PORPLASTIC T770 or T776 PORPLASTIC SBR (1 – 4 mm)	1.4 – 2.2 8 - 12	11 – 15	paving-machine
primer (optional)	PORPLASTIC P270 for asphalt PORPLASTIC P274 for concrete, curbs, small areas	0.15 – 0.2 0.1 – 0.2	ca. 0.1 ca. 0.1	roll or spray roll or spray

FIELDS OF APPLICATION

- athletic sports area type B + C
- short distance running tracks
- running/ run-up tracks
- sports fields
- ideal for revitalisation and renovation (retopping)

IAAF ATHLETICS

TECHNICAL DATA

properties	test norm	result	requirement
tensile strength	IAAF DIN V 18035-6	0.57 N/mm² 0.56 N/mm²	≥ 0.4 N/mm² ≥ 0.3 N/mm²
elongation at break	IAAF DIN V 18035-6	68% 55 %	≥ 40 %
force reduction	IAAF	38 %	35-50 %
vertical deformation	IAAF	1.7 mm	0.6-2.5 mm
standard deformation	DIN V 18035-6	0°C: 0.84 23°C: 1.06 40°C: 1.27	0.6 - 1.8 mm (at 0 - 40°C)
thickness	DIN V 18035-6	13 mm	≥ 13 mm
relative abrasion	DIN V 18035-6	2.1	> 1
permeability	DIN V 18035-6	0.22 cm/s	≥ 0.01 cm/s
friction (sliding coefficient)	IAAF DIN V 18035-6	wet: 0.6 dry: 0.8	≥ 0.5 ≤ 1.1
spike resistance	DIN V 18035-6	class 1	class 1
remaining indentation	DIN V 18035-6	0.37 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

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