

PORPLASTIC *SB economic* – reliable and long-lasting

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

SYSTEM LAYERS

line paint:

PORPLASTIC X8090

UV-sealer (optional):

PORPLASTIC S6020

2x structural spray coating (ca. 1 – 2 mm):

PORPLASTIC S670 / S675 mixed with
PORPLASTIC EPDM 0.5 – 1.5 mm and powder

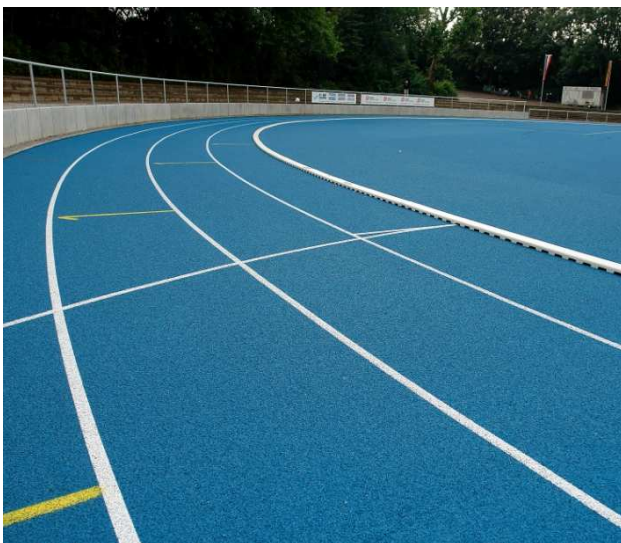
elastic layer (ca. 11 – 16 mm):

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):



SYSTEM DESCRIPTION

- total system thickness approx. 13 - 16 mm
- certified in accordance with WORLD ATHLETICS
- 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/m ²)	thickness (mm)	application
line paint	PORPLASTIC X8090	20 – 30 g/lfm	0.1 – 0.2	spray
UV-sealer (optional)	PORPLASTIC S6020	0.17 – 0.20 per layer	0.1 – 0.2	spray, in 2 layers
structural spray coating	PORPLASTIC S670 / PORPLASTIC S675	ca. 1.2	1 – 2	spray, in 2 layers
	PORPLASTIC EPDM (0.5 – 1.5 mm)	ca. 0.8		
elastic layer	PORPLASTIC T770 or T776	1.4 – 1.8	11 – 15	paving-machine
	PORPLASTIC SBR (1 – 4 mm)	7.5 - 10		
primer (optional)	PORPLASTIC P270 for asphalt	0.15 – 0.2	ca. 0.1	roll or spray
	PORPLASTIC P274 for concrete, curbs, small areas	0.1 – 0.2	ca. 0.1	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)



TECHNICAL DATA

properties	test norm	result	requirement
tensile strength	WORLD ATHLETICS EN 14877	0.47 N/mm ² 0.53 N/mm ²	≥ 0.4 N/mm ²
elongation at break	WORLD ATHLETICS EN 14877	46 % 43 %	≥ 40 %
shock absorption (23°C)	WORLD ATHLETICS EN 14877	41 % 38 %	35-50 % 25-50%
vertical deformation (23°C)	WORLD ATHLETICS EN 14877	2.3 mm 1.8 mm	0.6-2.5 mm ≤ 3,0 mm
thickness	WORLD ATHLETICS EN 14877	12.2 mm 13 mm	≥13 mm (WA) ≥10 mm (EN)
friction	WORLD ATHLETICS EN 14877	51 dry: 104 wet: 82	>47 80-110 55-110
Resistance to wear	EN 14877	0.63 g	≤ 4,0 g
ageing / color loss	EN 14877	passed / 3-4	pass / ≥3
Water permeability	EN 14877	>16.000 mm/h	>150 mm/h
spike resistance	EN 14877	passed	pass
environmental requirements (DOC, EOX, heavy metals, smell, chloroparaffins, phthalates)	DIN 18035-6 Tabelle 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 or contact us directly). **Date of issue: October 2020** – all technical information is subject to change without prior notice