

PORPLASTIC *SB economic* – reliable and long-lasting

Elastic base mat with coloured spray coating, water-permeable

SYSTEM LAYERS

line paint:

PORPLASTIC LINING OUTDOOR X990

2x UV-sealing (optional):

PORPLASTIC S620

2x structural spray coating (ca. 0.5 – 1.5 mm):

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

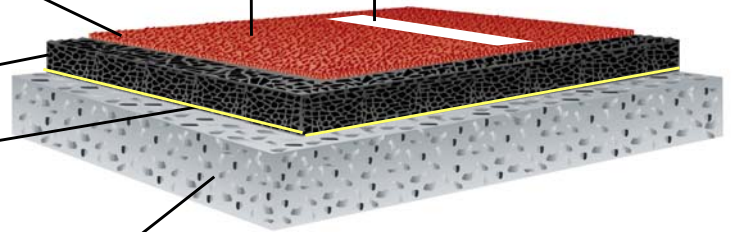
elastic layer (ca. 12 – 16 mm):

PORPLASTIC T770 / T776 with
PORPLASTIC SBR 1 – 4 mm

primer:

PORPLASTIC P270 recommended 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 IAAF
- certified in accordance with DIN V18035/6, type A
- water-permeable
- anti-skid granulated surface
- spike-resistant
- available in many colours

PORPLASTIC SB economic

APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m ²)	thickness (mm)	application
line paint	PORPLASTIC X990	20 – 30 g/m	0.1 – 0.2	spray
UV-sealing (optional)	PORPLASTIC S620	0.13 – 0.15 per layer	0.1 – 0.2	spray, in 2 layers
structural spray coating	PORPLASTIC S670	ca. 1.2	0.5 – 1.5	spray, in 2 layers
	PORPLASTIC EPDM (0.5 – 1.5 mm)	ca. 0.8		
elastic layer	PORPLASTIC T770 or T776	1.4 – 1.9	12 – 15	paving-machine
	PORPLASTIC SBR (1.0 – 4.0 mm)	8 - 10		
primer	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	IAAF DIN V 18035-6	0.66 N/mm ²	≥ 0.4 N/mm ²
		0.56 N/mm ²	≥ 0.3 N/mm ²
elongation at break	IAAF DIN V 18035-6	71%	≥ 40 %
		67 %	
force reduction	IAAF	38 %	35-50 %
modified vertical deformation	IAAF	1.01 mm	0.6-1.8 mm
standard deformation	DIN V 18035-6	0°C: 0.91	0.6 - 1.8 mm (at 0 - 40°C)
		23°C: 1.11	
		40°C: 1.32	
thickness	DIN V 18035-6	13.5 mm	≥ 13 mm
relative abrasion	DIN V 18035-6	2.1	> 1
permeability	DIN V 18035-6	0.23 cm/s	≥ 0.01 cm/s
friction (sliding coefficient)	IAAF DIN V 18035-6	wet: 0.55	≥ 0.5
		dry: 0.71	≤ 1.1
spike resistance	DIN V 18035-6	class 1	class 1
remaining indentation	DIN V 18035-6	0.56 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. **Date of issue: July 2008** – all technical information is subject to change without prior notice