

## PORPLASTIC2S *game+track* – for leisure and recreation

Elastic base mat plus homogeneous coloured EPDM wearing layer, water-permeable

### SYSTEM LAYERS

**line paint:**

PORPLASTIC X990 N

**UV-sealer (optional):**

PORPLASTIC S620

**wearing layer (ca. 6 – 8 mm):**

PORPLASTIC T770 with  
PORPLASTIC EPDM 1 – 3 mm

**elastic layer (ca. 9 – 12 mm):**

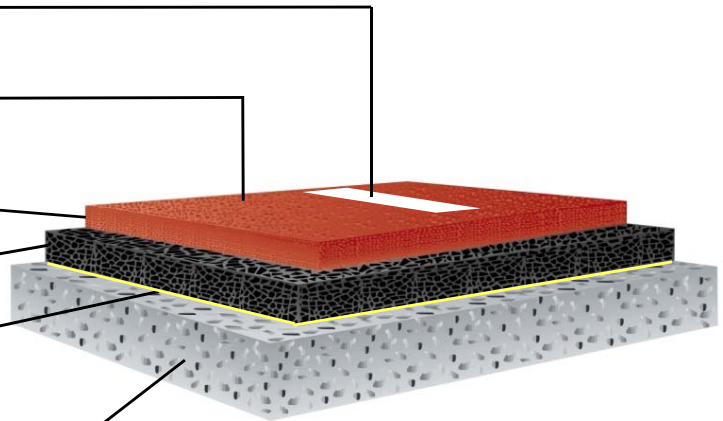
PORPLASTIC T770 / T776 with  
PORPLASTIC SBR 1 - 4 mm

**primer (optional):**

PORPLASTIC P270 for asphalt

PORPLASTIC P274 for concrete, curbs, small areas

**bound sub-base (asphalt):**



### SYSTEM DESCRIPTION

- total system thickness approx. 15 - 20 mm
- tested according to DIN 18035-6 and EN 14877
- water-permeable
- porous, relatively smooth surface
- sandwich style construction
- extremely abrasion-resistant
- UV- and weather-resistant
- available in many colours

## PORPLASTIC2S *game+track*

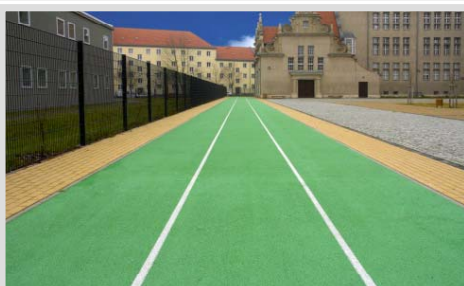
### APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m <sup>2</sup> )	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 T770	1.2 – 1.6	6 – 8	paving-machine
	PORPLASTIC EPDM (1 – 3 mm)	6 – 8		
elastic layer	PORPLASTIC T770/T776	1.0 – 1.5	9 – 12	paving-machine
	PORPLASTIC SBR (1 – 4 mm)	6 – 8		
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

- Multi-purpose playing fields
- small playing fields
- playground surfaces
- running/run-up tracks for use in mass sports
- school sports facilities



### TECHNICAL DATA (EN 14877)

property	result	requirement
tensile strength	0.54 N/mm <sup>2</sup>	≥ 0.4 N/mm <sup>2</sup>
elongation at break	45 %	≥ 40 %
shock absorption (23°C)	49 %	25-50% (athletic track) 25-70 % (multi-purpose-field)
Vertical deformation (23°C)	2.7 mm	≤ 3.0 mm
Thickness	21 mm	≥10 mm (athletic track) ≥7 mm (multi-purpose-field)
Friction	dry: 103 wet: 56	80-110 55-110
Resistance to wear	1.47 g	≤ 4.0 g
Water permeability	≥ 21000 mm/h	≥ 150 mm/h
Spike resistance	passed	pass
Ageing / colour loss	passed / 3/4	pass / ≥3
Ball reflexion	101 %	≥ 85%
environmental requirements (DOC, EOX, heavy metals, smell, chloroparaffins, phthalates)	fulfilled	Limit values according to DIN 18035-6 Table A.1

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](http://www.porplastic.com) or contact us directly). **Date of issue: Feb. 2016** – all technical information is subject to change without prior notice