

PORPLASTIC2S *game+track* – for leisure and recreation

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

SYSTEM LAYERS

line paint:

PORPLASTIC X8090

UV-sealer (optional):

PORPLASTIC S6020

wearing layer (ca. 6 – 8 mm):

PORPLASTIC T770 with
PORPLASTIC EPDM 1 – 4 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*

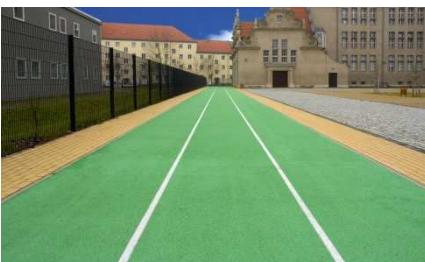
APPLICATION AND CONSUMPTION

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

- 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 ²	≥ 0.4 N/mm ²
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 or contact us directly). **Date of issue: October 2020**– all technical information is subject to change without prior notice