

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 – 3 mm

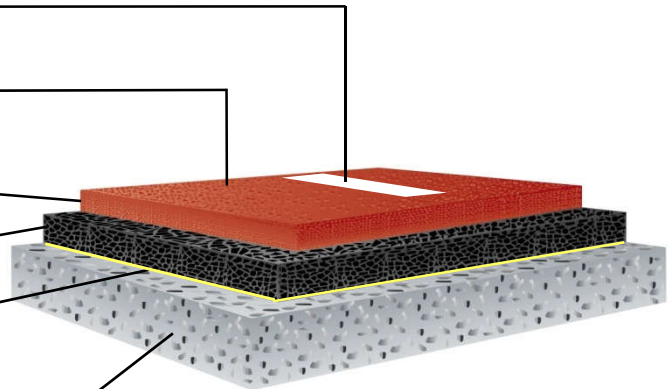
elastic layer (ca. 9 – 12 mm):

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*

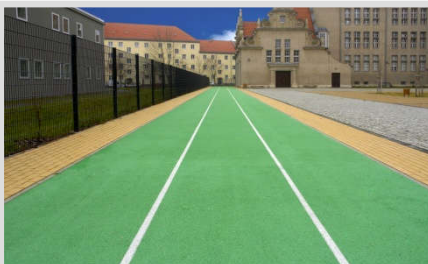
APPLICATION AND CONSUMPTION

| layer | product | consumption (kg/m ²) | thickness (mm) | application |
|----------------------|--|----------------------------------|----------------|--------------------|
| line paint | PORPLASTIC X8090 | 20 – 30 g/lfm | 0.1 – 0.2 | spray |
| UV-sealer (optional) | PORPLASTIC S6020 | 0.12 – 0.14 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 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: January 2020**– all technical information is subject to change without prior notice