

PORPLASTIC *EP* court – a coating for tennis and more

Single-layer PUR/EPDM-coating, homogeneous coloured, water-permeable

SYSTEM LAYERS

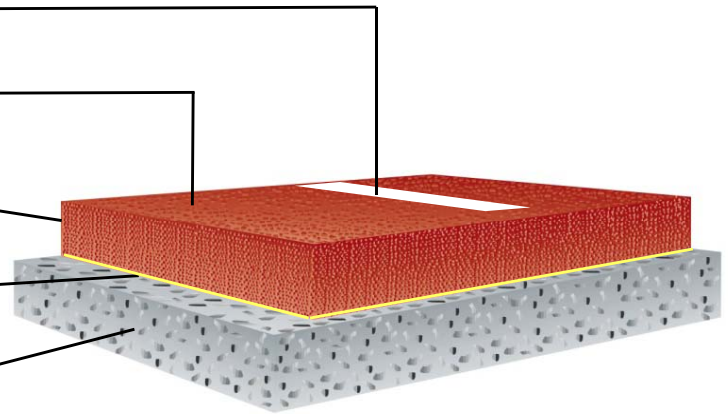
line paint: _____
PORPLASTIC X990 N

UV-sealer (optional): _____
PORPLASTIC S620

EPDM-granules coating (ca. 10 – 20 mm): _____
PORPLASTIC T770 with
PORPLASTIC EPDM 1 – 3 mm or 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. 10 - 20 mm
- tested according to DIN 18035-6 and EN 14877
- water-permeable
- extremely abrasion-resistant
- UV- and weather resistant
- available in many colours

PORPLASTIC *EP court*

APPLICATION AND CONSUMPTION

layer	product	consumption (kg/m ²)	thickness (mm)	application
line paint	PORPLASTIC X990 N	20 – 30 g/lfm	0.1 – 0.2	spray
UV-sealer (optional)	PORPLASTIC S620	0.25 – 3 per layer	0.1 – 0.2	spray, in 2 layers
EPDM granules coating	PORPLASTIC T770	2.0 – 4.0	10 – 20	paving-machine
	PORPLASTIC EPDM (1 - 3 or 1 - 4 mm)	10 – 20		
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

- tennis courts
- simple small and multi-purpose fields
- arrangement of decorative areas
- particularly suitable for revitalisation

TECHNICAL DATA

properties	test norm	result	requirement
tensile strength	DIN V 18035-6	0.54 N/mm ²	≥ 0.3 N/mm ²
elongation at break	DIN V 18035-6	78 %	> 40 %
standard deformation	DIN V 18035-6	0°C: 2.13	< 4.0 mm (at 0 - 40°C)
		23°C: 2.32	
		40°C: 2.54	
shock absorption	DIN V 18035-6	0°C: 46 % 23°C: 48 % 40°C: 50 %	> 45% (at 0 - 40°C)
thickness	DIN V 18035-6	20 mm	≥ 20 mm
relative abrasion	DIN V 18035-6	7.9	≥ 5
permeability	DIN V 18035-6	0.22 cm/s	> 0.01 cm/s
friction (sliding coefficient)	DIN V 18035-6	wet: 0.58	≥ 0.5
		dry: 0.74	≤ 1.1
spike resistance	DIN V 18035-6	class I-II	class II
remaining indentation	DIN V 18035-6	0.54mm	≤ 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. 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: Oct. 2015** – all technical information is subject to change without prior notice