

PORPLASTIC *SW smart* – small areas or indoor

Sandwich construction consisting of an elastic mat, pore sealer and cast coating spread with coloured EPDM-granules, water-impermeable

SYSTEM LAYERS

line paint:

PORPLASTIC X990 N

UV-sealer (optional):

PORPLASTIC S620

structured cast coating (ca. 3 – 5 mm):

PORPLASTIC C570 spread with
PORPLASTIC EPDM 1 – 4 mm

pore sealer (ca. 0.1 mm):

PORPLASTIC L370
(PORPLASTIC C570 + rubber powder)

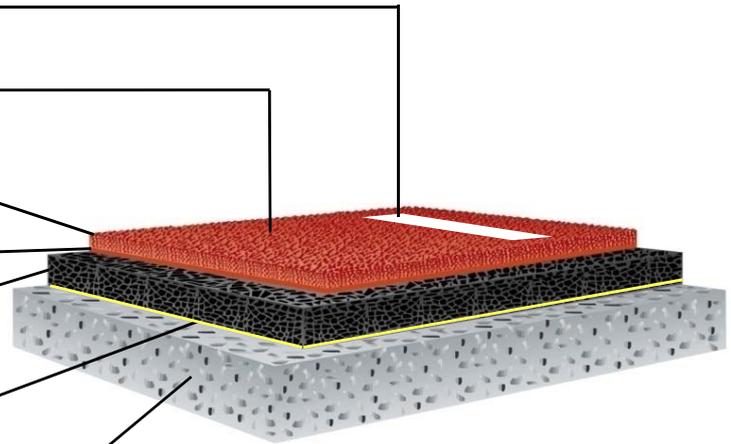
elastic mat (ca. 10 – 12 mm):

PORPLASTIC SW smart rubber mat
PORPLASTIC B976

primer (optional):

PORPLASTIC P270 for asphalt
VIASOL EP-P210 for concrete, curbs, small areas

bound sub-base (closed asphalt):



SYSTEM DESCRIPTION

- total system thickness approx. 13 - 17 mm
- tested in accordance with IAAF criteria
- water-impermeable
- sandwich-construction
- extremely spike-resistant
- structured surface
- excellent conditions even when wet or raining
- available in many colours

PORPLASTIC SW smart

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	0.13 – 0.15 per layer	0.1 – 0.2	spray, in 2 layers
structured cast coating	PORPLASTIC C570	2.2 – 2.8	3 – 5	notched squeegee
	PORPLASTIC EPDM (1 – 4 mm)	2.8 net 4.0 total		broadcast, remove excess
pore sealer	PORPLASTIC L370 (PORPLASTIC C570 + rubber powder)	0.5	0.1 – 0.2	squeegee or paving-machine with trowel-bar
Prefabricated elastic mat + adhesive	PORPLASTIC SW smart mat PORPLASTIC B976	0.8	10 – 12	cut and embed in fresh adhesive notched trowel
Primer (optional)	PORPLASTIC P270 for asphalt	0.15 – 0.2	ca. 0.1	roll or spray
	VIASOL EP-P210 for concrete, curbs, small areas	ca. 0.5	ca. 0.4	roll



FIELDS OF APPLICATION

- athletic sports areas type A + B + C
- short distance running tracks
- Running/run -up tracks for use in mass sports and competitions



TECHNICAL DATA

properties	test norm	result	requirement
tensile strength	IAAF	0.52 N/mm ²	≥ 0.5 N/mm ²
elongation at break	IAAF	43 %	≥ 40 %
shock absorption (23°C)	IAAF	36 %	35-50 %
vertical deformation (23°C)	IAAF	2.0 mm	0.6-2.5 mm
thickness	IAAF	13 mm	≥13 mm (IAAF)
friction	IAAF	64	>47



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: April 2017**– all technical information is subject to change without prior notice