

PORPLASTIC *M olympic* - world-class sports surface

Massive, one or multilayer full PUR-bound system spread with coloured EPDM granules, water-impermeable

SYSTEM LAYERS

line paint: _____

PORPLASTIC X8090

UV-sealer (optional): _____

PORPLASTIC S6000 P

structured cast coating (ca. 3 - 5 mm): _____

PORPLASTIC C570 spread with
PORPLASTIC EPDM 1 – 4 mm

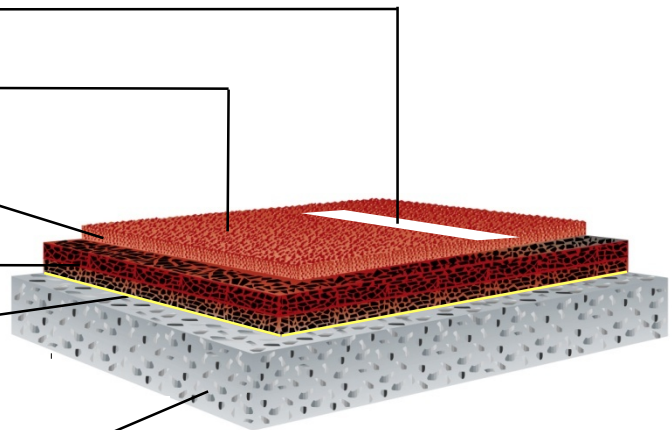
2 x cast coating (ca. 5 mm per layer): _____

PORPLASTIC C570 spread with
PORPLASTIC rubber granules 1 – 4 mm

Primer (optional): _____

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

bound sub-base (closed asphalt): _____



SYSTEM DESCRIPTION

- total system thickness approx. 13 - 18 mm
- certified in accordance with IAAF
- tested according to DIN 18035-6 and EN 14877
- fulfils requirements of AgBB for VOC emission
- water-impermeable, pore-filled
- self-levelling, jointless
- hard-wearing, long-lasting
- granulated surface for anti-slip properties
- can handle constant toughest stresses by spikes
- dynamic elasticity
- excellent appearance
- available in many colours

PORPLASTIC *M olympic*

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 S6000 P | 0.12 – 0.14 per layer | 0.1 – 0.2 | spray, in 2 layers |
| wearing layer | PORPLASTIC C570 | ca. 2.8 | 3 – 5 | notched squeegee |
| | PORPLASTIC EPDM (1 - 4 mm) | 2.8 net 4.0 total | | broadcast, remove excess |
| 2. cast coating | PORPLASTIC C570 | ca. 3.0 | ca. 5 | notched squeegee |
| | PORPLASTIC rubber granules (1 – 4 mm) | 2.5 net 3.0 total | | broadcast, remove excess |
| 1. cast coating (* depending on substrate) | PORPLASTIC C570 | ca. 3.0 – 3.5* | ca. 5 | notched squeegee |
| | PORPLASTIC rubber granules (1 – 4 mm) | 2.5 net 3.0 total | | broadcast, remove excess |
| 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

- running tracks and run-up tracks for international competitions and tournaments at top-class level
- athletic sport areas type A, B, C
- short distance tracks



TECHNICAL DATA

| properties | test norm | result | requirement |
|---|-----------|---------------------------------------|-------------------------------|
| tensile strength | IAAF | 0.53 N/mm ² | ≥ 0.5 N/mm ² |
| | EN 14877 | 0.59 N/mm ² | ≥ 0.4 N/mm ² |
| elongation at break | IAAF | 80 % | ≥ 40 % |
| | EN 14877 | 55 % | |
| shock absorption (23°C) | IAAF | 38 % | 35-50 % |
| | EN 14877 | 30 % | 25-50% |
| vertical deformation (23°C) | IAAF | 1.8 mm | 0.6-2.5 mm |
| | EN 14877 | 1.4 mm | ≤ 3,0 mm |
| thickness | IAAF | 16 mm | ≥13 mm (IAAF) |
| | EN 14877 | 13 mm | ≥10 mm (EN) |
| friction | IAAF | 64 | >47 |
| | EN 14877 | wet: 82 dry: 85 | 80-110 55-110 |
| resistance to wear | EN 14877 | 1.62 g | ≤ 4.0 g |
| ageing / color loss | EN 14877 | passed / 4 | pass / ≥ 3 |
| spike resistance | EN 14877 | passed | pass |
| <u>environmental requirements</u> DOC, EOX, heavy metals, smell, chloroparaffins, phthalates) PAH | | DIN 18035-6 Table A.1 ZEK 01-08 | fulfilled limit values |

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: July 2018** – all technical information is subject to change without prior notice