



PORPLASTIC*RACE*

**Elastic sports surfaces for all requirements,
indoor & outdoor**



For more than five decades, Porplastic PUR/rubber granule systems have achieved an excellent track record as sporting surfaces used in mass sports (school sport facilities, running and run-up tracks, playing fields for ball sports and multi-purpose playing fields, tennis courts, sports and multi-purpose halls, etc.) as well as the optimum surface for pros when performing during top-class level national or international competitions and tournaments.

These systems are just as suitable for new installations as they are for the revitalisation or renovation (retopping) of existing surfaces.

In-house product development, manufacture and installation from one single source are the best assurance of state-of-the-art, cost-effective, durable and environmentally friendly sports flooring systems.

PORPLASTIC*RACE* synthetic surfaces offer numerous advantages:



- High UV and weather resistance
- Maximum abrasion resistance and permanent elasticity
- High degree of adjustable area elasticity and point elasticity
- Spike resistance even under constant load
- Long life, permanent bond with base
- Entire installation from one single partner, from the earthworks to the construction of the subbase and finally the synthetic coat
- Dedicated teams using state-of-the-art construction techniques install the right system professionally and on time
- We cover the entire range of installation requirements, from all-weather surfaces for school sports areas to high-performance surfaces for competitions and tournaments – cost-effectively, efficiently and quickly
- The jointless in-situ coatings have a much longer useful life than prefabricated mats – no risk of tripping on the edge of the roll and no cracks or gaps to trap dirt
- Points of damage can be seamlessly reworked and old coatings can be renewed simply by retopping
- High-grip or nonslip surfaces. Systems can be adjusted to be water-permeable or water-impermeable. Consistent sports conditions, even under extreme temperatures and weather conditions. The surfaces are usable within minutes after a rain shower
- Numerous design options, e.g. by using contrasting colours in selected areas without need for joints
- Minimum care and maintenance requirements. After many years of use, repairs, revitalisation or renovation are not complicated and are professionally performed at a reasonable cost by Porplastic specialists.

PORPLASTIC sports surfaces: our name stands for perfection in the sporting arena

Always safe on a PORPLASTIC floor, during recreation or competition

Our offer is not only limited to high-quality products, but also includes entire system solutions, installed by licencing partners or Porplastic Engineering using state-of-the-art technologies, based on a track record of over 20 million m² of successfully installed sports floors.

All Porplastic systems meet both national and international standards (e.g. DIN V 18035 part 6/7 or IAAF), are tested by independent institutes, associations and organisations and are subject to constant internal and external quality control.

Standard outdoor systems:

Sports surfaces timetested and proven as required by specific standards and sports organisations.

PORPLASTIC *SB economic*

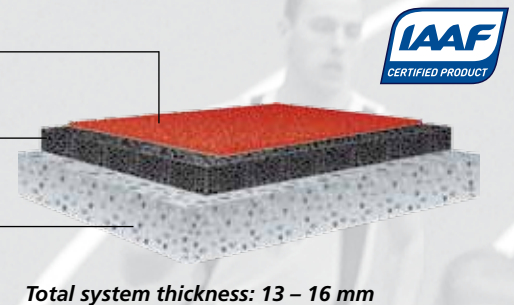
Elastic layer with structural spray coating, water-permeable, spike-resistant, anti-skid granulated surface.

Running/run-up tracks, sports fields, ideal for revitalisation and renovation (retopping). Certified in accordance with DIN V 18035/6 coating type A, IAAF-tested and certified.

Structural spray coating (2 applications)
PORPLASTIC S670/S675 with EPDM granules
(granulation 0.5 – 1.5 mm)

Elastic layer (13 – 16 mm)
PORPLASTIC T770 /T776 with recycling rubber granules
(granulation 1 – 4 mm)

Bound subbase (mostly asphalt)
primed using PORPLASTIC P270/P274



PORPLASTIC *SW competition*

High-performance system, water-impermeable, sandwich construction, extremely spike-resistant, structured surface, providing outstanding conditions for training and competition even in the wet and rain.

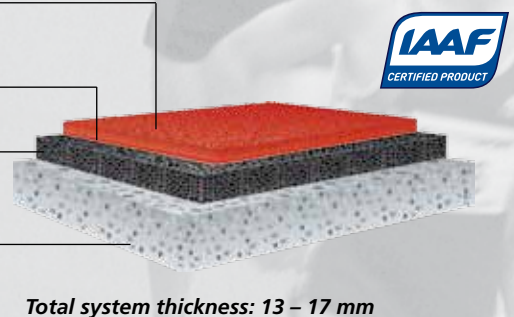
Running/run-up tracks for use in mass sports and competitions, multi-purpose playing fields, retopping. Certified in accordance with DIN V 18035/6 coating type D, IAAF-tested and certified.

Structured cast coating (3 – 5 mm)
PORPLASTIC C570, spread with EPDM granules
(granulation 1 – 4 mm)

Pore sealing
Porplastic L370

Elastic layer (10 – 12 mm)
PORPLASTIC T770 /T776 with recycling rubber granules
(granulation 1 – 4 mm)

Bound subbase (asphalt)
primed using PORPLASTIC P270



PORPLASTIC *M olympic*

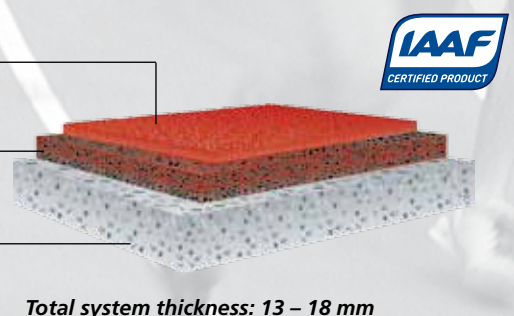
World-class surface: Full PUR-bound cast coating, water-impermeable, can handle the toughest constant stresses applied by spikes, granulated surface for dynamic footing under all weather conditions, excellent appearance.

Running/run-up tracks for international competitions and tournaments at top-class level. Certified in accordance with DIN V 18035/6 coating type E, IAAF-tested and certified.

Structured cast coating (3 – 5 mm)
PORPLASTIC C570, spread with with EPDM granules
(granulation 1 – 4 mm)

Cast coating (multiple layer, approx. 5 mm each)
Porplastic C570, spread with recycling rubber granules
(granulation 1 – 4 mm)

Bound subbase (asphalt)
primed using PORPLASTIC P270





PORPLASTIC 2S *game+track*

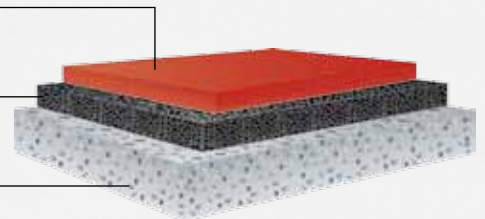
Elastic layer plus homogeneous coloured EPDM wearing layer, water-permeable, having a porous, relatively smooth surface, extremely abrasion-resistant, UV and weather-resistant.

Multi-purpose playing fields, small playing fields, playground surfaces, running/run-up tracks particularly for combined school sports facilities. Certified in accordance with DIN V 18035/6 coating type B.

Wearing layer (6 – 8 mm)
PORPLASTIC T770 with coloured EPDM granules (granulation 1 – 3 mm)

Elastic layer (9 – 12 mm) adjustable elasticity
PORPLASTIC T770 /T776 with recycling rubber granules (granulation 1 – 4 mm)

Bound subbase (mostly asphalt)
primed using PORPLASTIC P270/P274



Total system thickness: 15 – 20 mm

PORPLASTIC EP *court*

Single-layer PUR/EPDM coating, homogeneous coloured, water-permeable, extremely abrasion-resistant, UV and weather-resistant.

Small and multi-purpose playing fields, playing areas, particularly suitable for revitalisation, also ideal for tennis. Certified in accordance with DIN V 18035/6 coating type C.

EPDM granules layer (10 – 18 mm)
PORPLASTIC T770 with coloured EPDM granules (granulation 1 – 3 mm or 1 – 4 mm)

Bound subbase (mostly asphalt)
primed using PORPLASTIC P270/P274



Total system thickness: 10 – 20 mm

Special outdoor systems:

The strength of Porplastic is shown where extraordinary demands are made to sports surfaces. A combination of comprehensive knowledge, resulting from state-of-the-art special chemistry and decades of experience enable us to produce innovative system variations.

PORPLASTIC *SB plus*

Structural spray coating with additional sealing matrix, the simplest impermeable construction

PORPLASTIC *SW multitop*

Sandwich system with homogeneous surface and additional anti-slip coating, water-impermeable, particularly suitable for indoor sports practised outdoor

Indoor systems:

PORPLASTIC *INDOOR* offers a comprehensive range of jointless, attractive and cost-competitive floor systems, ideal for sporting activities, tested and certified in accordance with DIN 18032-2, EN 14904 and IHF, for sports and multipurpose halls.

PORPLASTIC *PEL*

Point elastic PUR bonded systems

PORPLASTIC *CEL*

Combined elastic PUR bonded systems with point elastic wearing course and area elastic underlayer

PORPLASTIC *MEL*

Mixed-elastic PUR bonded systems with integrated load-distribution layer



The Porplastic total service plan for your sports floor:

System planning + Installation

Every sports facility has its own specific requirements such as local conditions, multiple usages and special design requests. We create a customised system solution for any challenge and then implement this solution professionally, on time and in a cost-effective manner – with or without sub-structure, as a new installation or for renovation.



Care + Maintenance

The construction of sports floors goes further than just professional installation: we support our surfaces throughout their entire service life, thereby ensuring top performance and cost-efficient maintenance, even under the highest stresses and loads. External stresses such as UV radiation and abrasion, wear and tear, moss and algae growth can affect any kind of surface. Through regular cleaning, maintenance and preventive repairs, our specialists ensure that your sports floors maintain their value for many years to come.



Revitalisation + Renovation

Aging sports surfaces get a second lease on life thanks to our targeted revitalisation and renovation measures. In many cases, this can postpone the need for a new installation or even make the need totally redundant.





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Porplastic organisation

More than 50 years experience in building sports surfaces with over 20 million m² of installed sports flooring

Porplastic licensing partners and Porplastic Engineering are successful independent companies with many years of experience in the area of sports floor construction. All of them are committed to the Porplastic quality standard.

Please find your regional Porplastic partner on our website: www.porplastic.com



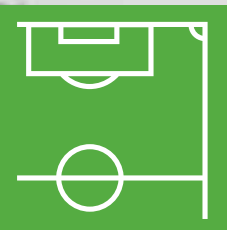
SPORTS SURFACES

Good reasons to choose Porplastic:

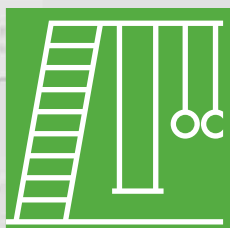
Complete product and system programme for all applications and climates.

Proven and certified systems, innovative consultancy and problem solution.

Development, production, quality control, installation and service from one single source.



SYNTHETIC TURF



PLAYGROUND SYSTEMS

Porplastic
Partner