

Spartan[®]

Rekortan[®]



**PERFORMANCE
ENHANCING
SURFACE
TECHNOLOGY**

TRACK
& FIELD



FROM AMATEUR TO PROFESSIONAL

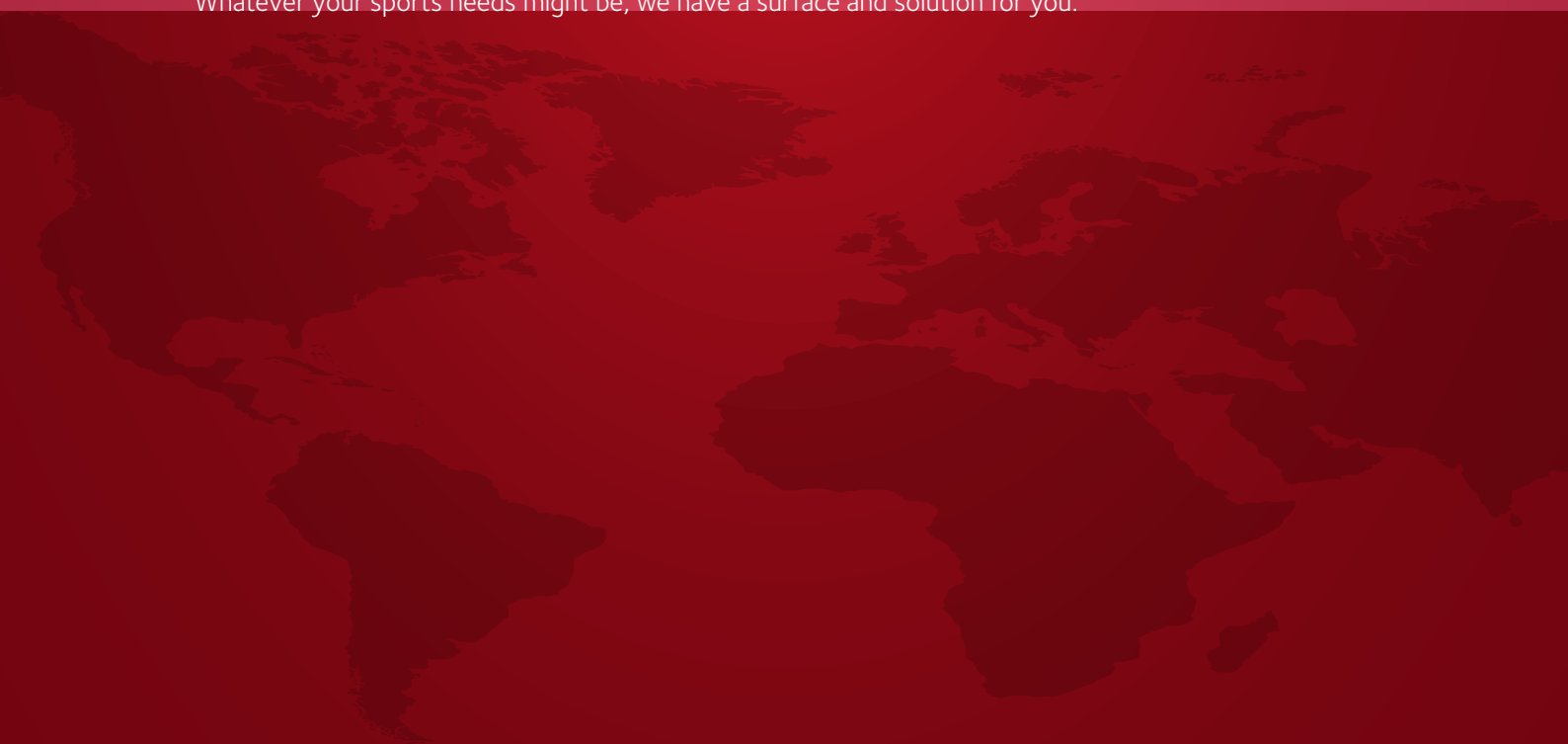
We've got you covered

Rekortan® and Spurtan® are proudly brought to you by Advanced Polymer Technology (APT). Our mission is to provide high quality, innovative, customer driven surfaces for all types of sports.


Installing outdoor sports surfaces demands specific expertise, a high level of precision and experience. We therefore exclusively use pre-approved installers, namely Polytan along with their extensive worldwide agent network, whom employ specially trained staff to install our respective products.

In doing this we ideally accommodate your specific conditions and therefore ensure that your Poligras® system has excellent performance characteristics over the entire surface.

Whatever your sports needs might be, we have a surface and solution for you.



PRODUCT FEATURES

	REKORTAN M99	SPURTAN BV	SPURTAN BS	SPURTAN BSS	SPURTAN WT
 IAAF certified	■	■	■	■	
 Impermeable surface	■	■		■	
 Water-permeable surface			■		■
 Smooth					■
 Structured	■	■	■	■	
 Spike-tested	■	■	■	■	
 Resource conservation	■	■	■	■	■
 Professional	■	■			
 Multisport			■	■	■
 Force reduction	■	■	■	■	■
 Energy return	■	■	■	■	■
 Heavy metal free	■	■	■	■	■
 No toxic fumes or V.O.C's	■	■			■
 Recycled rubber used	■	■	■	■	

Our synthetic surfaces are the perfect basis for achieving personal best results in all disciplines. From soft impact surfaces to professional running tracks, our sports surfaces are energy enhancing and multi-functional. They are robust, durable, shock absorbing and have proven themselves around the world for over four decades.

Our Spurtan® and Rekortan® ranges are manufactured in our ISO approved facilities in Melbourne, Australia and Pennsylvania, USA and independently tested for quality, durability and performance. This means that every surface installed by our approved installers is guaranteed not only to look good but also to perform at the highest standard all year round.

Research and development is undertaken by a trained team of chemists working with sports professionals to establish the specific characteristics required for each sports code or indeed multi-sport suitability. This flexibility will accommodate your needs and sets us apart from our competitors.

We have been developing, producing and installing high quality Spurtan® and Rekortan® surfaces worldwide for many decades. Each and every day we put our full commitment, expertise and passion into providing clubs and athletes with the perfect surface.

That's a difference you can count on.



CERTIFIED AND PREFERRED

All our synthetic surfaces comply with the current national and international standards, including all environmental requirements. The consistent high quality of our surfaces is ensured by 100% final inspection and testing according to our ISO 9001 certification. Our running tracks can be tested and certified upon completion according to IAAF requirements (International Association of Athletics Federations).

Rekortan®

M99

Rekortan® M99 is a seamless fast track surface, ideal for best times, records and international elite sport. It offers optimum acceleration thanks to its high energy return. With its structured surface, **Rekortan® M99** is ideally suited to major athletic stadiums due to high performance whilst the robust design also ensures a particularly long lifespan.

This elite full-pour system has featured at the 2010 Youth Olympic Games and at numerous Commonwealth Games. It is formulated to resist UV degradation in the world's most demanding climates.



Areas of Use

Competitive running tracks

Athletics stadiums



Elite
Athletic
System



IAAF certified



Impermeable surface



Structured



Spike-tested



Resource conservation



Professional



Force reduction



Energy return



Heavy metal free



No toxic fumes or V.O.C's



Recycled rubber used

KEY BENEFITS

- IAAF approved system.
- Featuring unique central foaming layer that increases force reduction.
- Formulated to resist UV degradation in the world's most demanding climates.
- Top layer poured-in place installation for a seamless finish.
- Embedded surface ensures excellent all-weather performance and spike resistance.
- Fast track technology since 1969.
- Premium colors available upon request.
- Free of mercury, lead and other harmful heavy metals by design.



Usage	Heavy	Moderate	Light
Hours per week	40	20	10
Recommended recoat time (yrs)	7-8	9-10	10+

SPECIFICATION

Rekortan® M99 is a multi-layer, environmentally friendly full pour system. It consists of a self-levelling flood coat, a unique central force-reduction layer and a flood and chip topcoat of polyurethane and embedded EPDM rubber granules.

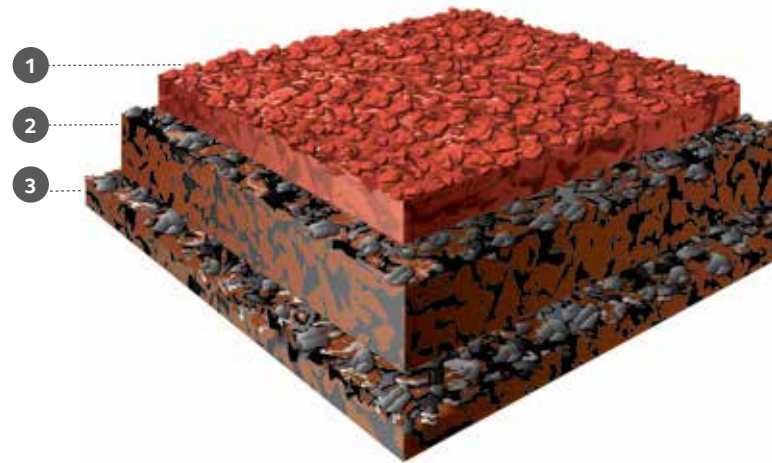
OPTIMISED SPORT FUNCTIONALITY: COATING

Rekortan® M99's final surface coating consists of high-quality polyurethane with embedded granules. The thickness, form, quantity and method of interspersed granules play a crucial role in the functional properties of the surface. The focus is placed on energy enhancement for elite athletes and project longevity.



Rekortan® recoat and re-line marking is available to maintain and prolong the use of your track

SYSTEM STRUCTURE LAYERS



A masterpiece of 100% solid polyurethane, Rekortan® M99 is a 3 layer in-situ system featuring an impermeable self-levelling base coat, an unique micro-foam force reduction layer in the centre and UV resistant EPDM rubber granules embedded in a top flood coat of premium polyurethane.

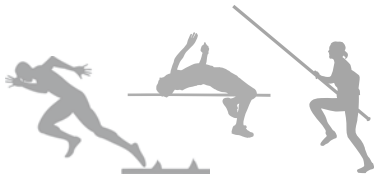
- 1 Top layer consisting of Qualipur polyurethane and EPDM rubber.
- 2 Shock absorbing layer.
- 3 Base layer.
- 4 Primer.
- 5 Asphalt or concrete.



Spartan®

BV

Spartan® BV is suited to all levels of competition. This unique sandwich track system is our most popular all-weather track system. It's quick to install, offers a uniform finish and any surface damage can easily be repaired without full depth replacement. Athletes like it as it is cushioned enough to train on, and fast enough for best performance in competition.



Areas of Use
Competitive running tracks
Athletics stadiums



IAAF certified



Impermeable surface



Structured



Spike-tested



Resource conservation



Professional



Force reduction



Energy return



Heavy metal free



No toxic fumes or V.O.C's



Recycled rubber used

KEY BENEFITS

- IAAF approved system.
- Quick to install, cost effective.
- Seamless, in-situ applied, polyurethane based 'sandwich system' athletic track.
- Our most popular system.
- Ideal for jumps and run-up facilities.
- Excellent all weather performance and spike resistance.
- Free of mercury, lead and other harmful heavy metals by design.
- Excellent performance for training and competition.
- Easy maintenance and repairs.

REPAIRS AND RESURFACING

Spartan® BV top coating is a liquid-applied system, and therefore damage to the surface can be repaired without full depth replacement. Repaired areas are chemically bound to the adjacent track surface. A major advantage of **Spartan® BV** is the ability to rejuvenate the surface by recoating with a 3-4 mm coating of polyurethane that is broadcast with EPDM granules.

This repair and resurfacing can also be applied to the *Rekortan® M99* system.



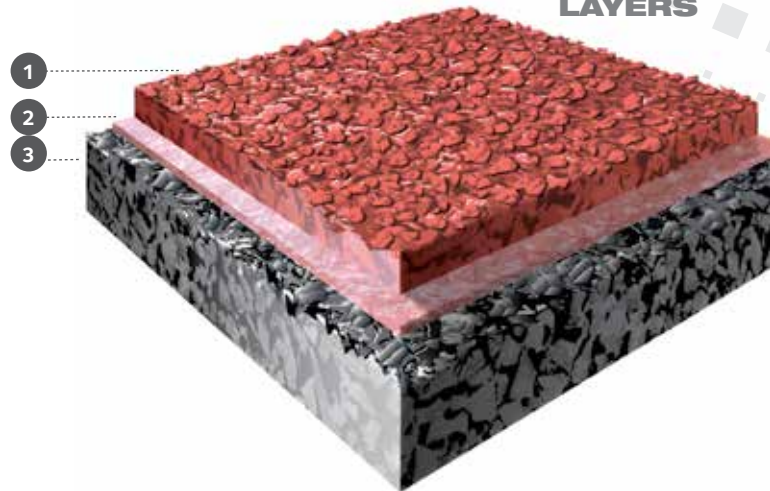
Usage	Heavy	Moderate	Light
Hours per week	40	20	10
Recommended recoat time (yrs)	7-8	9-10	10+

SPECIFICATION

Spartan® BV is an IAAF Certified, seamless, in-situ applied, polyurethane based 'sandwich system' athletic track surface comprised of the following:

- Base mat comprised of a mixture of recycled SBR rubber granules and polyurethane binder, that is installed in-situ with specially designed paving machinery. This base mat is a permeable matrix that provides the athletic track system with excellent force reduction.
- A liquid-applied, two component polyurethane pore filler coating.
- Liquid-applied, two component polyurethane self-levelling coating into which EPDM rubber granules are cast and allowed to cure.
- Upon cure, the excess EPDM granule is swept from the surface, offering an impermeable, flexible, spike proof athletic surface.

SYSTEM STRUCTURE LAYERS

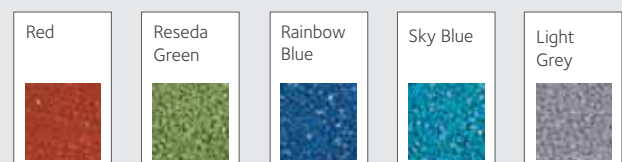


Spartan® BV is a sandwich style polyurethane track system. Its base layer consists of a black mat of recycled SBR rubber granules bound in polyurethane. The second layer is a seal coat using two-component polyurethane and EPDM Powdered Rubber. The surface layer is made up of coloured EPDM rubber granules cast into a polyurethane flood coat.

- 1 Top layer consisting of Qualipur polyurethane and EPDM rubber.
- 2 Porefiller layer to seal the base mat.
- 3 In-situ base layer.
- 4 Primer.
- 5 Asphalt or concrete.

OUR MOST POPULAR COLOURS

Most sports grounds opt for the traditional red running tracks, but modern, UV resistant formulations have now made it possible to use a wide range of other colours, below are our most popular colours.



Other colours are available on request.

Spartan®

BS

The **Spartan®BS** synthetic surface is the cost effective solution for athletics. The structure coated surface is primarily used for running tracks, run-ups, sprint lanes and basic athletics facilities. This is the budget option, water permeable and the solution for regional track facilities.



Areas of Use

Council running tracks
Multipurpose facilities
School sports facilities



IAAF certified



Water-permeable surface



Structured



Spike-tested



Resource conservation



Multisport



Force reduction



Energy return



Heavy metal free



Recycled rubber used



KEY BENEFITS

- IAAF approved system
- Permeable structural spray coat system
- Excellent force reduction
- Ideal for regional tracks
- Spike resistant
- Force reduction
- Suitability for any region (Dry-Moderate-Tropical)



Usage	Heavy	Moderate	Light
Hours per week	40	20	10
Recommended recoat time (yrs)	5-6	7-8	8+

SPECIFICATION

Spartan® BS is an IAAF certified 2-layer system consisting of a structural spray surface with a SBR and binder base mat.

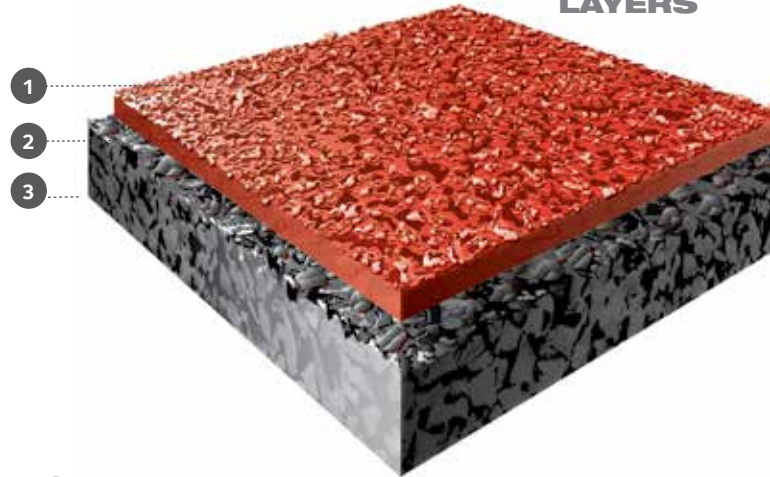
PERFECT ABSORPTION: BASE LAYER

The base layer consists of recycled rubber granules and polyurethane bonding agents. It helps to make the surface elastic and can be cast in a variety of designs and thicknesses. Thanks to the base layer, the synthetic surface ultimately achieves a specific level of shock absorption and provides extremely good conditions not only for all sporting disciplines, but also for use as a soft impact surface in playgrounds.



Spartan®BS resurface and re-line marking is available to maintain and prolong the use of your track

SYSTEM STRUCTURE LAYERS



1 Structural spray top.

2 In-situ base layer.

3 Primer.

4 Asphalt or concrete.



Spartan®

BSS



Areas of Use
 Multipurpose facilities
 School sports facilities
 Regional Tracks



SYSTEM STRUCTURE LAYERS

- 1 Structural spray on top (done in two different spray applications)
- 2 Porefiller layer to seal the base mat
- 3 In-situ paved based layer.
- 4 Primer.
- 5 Asphalt or concrete.

The **Spartan® BSS** synthetic surface is the cost effective impermeable solution for athletics. The structured spray coated surface provides spike resistance for running tracks, run-up tracks and athletics facilities.



The
budget
choice

KEY BENEFITS

- Impermeable structural spray coat system
- Excellent force reduction
- Ideal for multisports
- Spike resistant



IAAF certified

- Impermeable surface
- Structured
- Spike-tested
- Resource conservation
- Multisport
- Force reduction
- Energy return
- Heavy metal free
- Recycled rubber used



Usage	Heavy	Moderate	Light
Hours per week	40	20	10
Recommended recoat time (yrs)	5-6	7-8	8+

SPECIFICATION

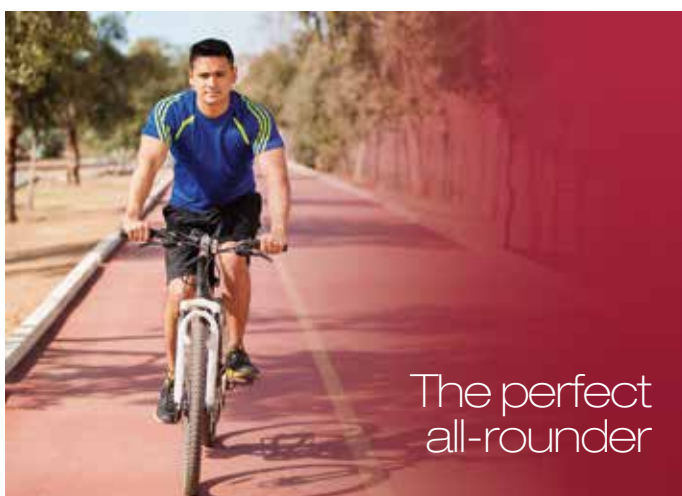
Spartan® BSS is a 3-layer system consisting of a structural spray coat, a thin seal layer with a recycled SBR rubber and binder base.











Areas of Use

Multipurpose facilities
Jogging Tracks

The **Spartan®WT** synthetic surface is the cost effective solution for athletic activities. The structure is primarily used for multi-sports facilities and jogging tracks. It is the only surface in our product range that has a single installed layer, therefore allowing for easy and fast installation. It is a great all rounder.



-  Water-permeable surface
-  Smooth
-  Resource conservation
-  Multisport
-  Force reduction
-  Energy return
-  Heavy metal free
-  No toxic fumes or V.O.C's

KEY BENEFITS

- Permeable structural system
- Excellent force reduction
- Ideal for jogging tracks and multisport facilities
- Available in multiple colors
- Premium colors available upon request



Usage	Heavy	Moderate	Light
Hours per week	40	20	10
Recommended recoat time (yrs)	5-6	7-8	8+

SPECIFICATION

Spartan® WT is a single layer system consisting of EPDM rubber and binder layer.

WT

Spartan®

1



SYSTEM STRUCTURE LAYERS

1

EPDM and binder in-situ paved surface.

2

Primer.

3

Asphalt or concrete.





PERFORMANCE ENHANCING SURFACE TECHNOLOGY

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