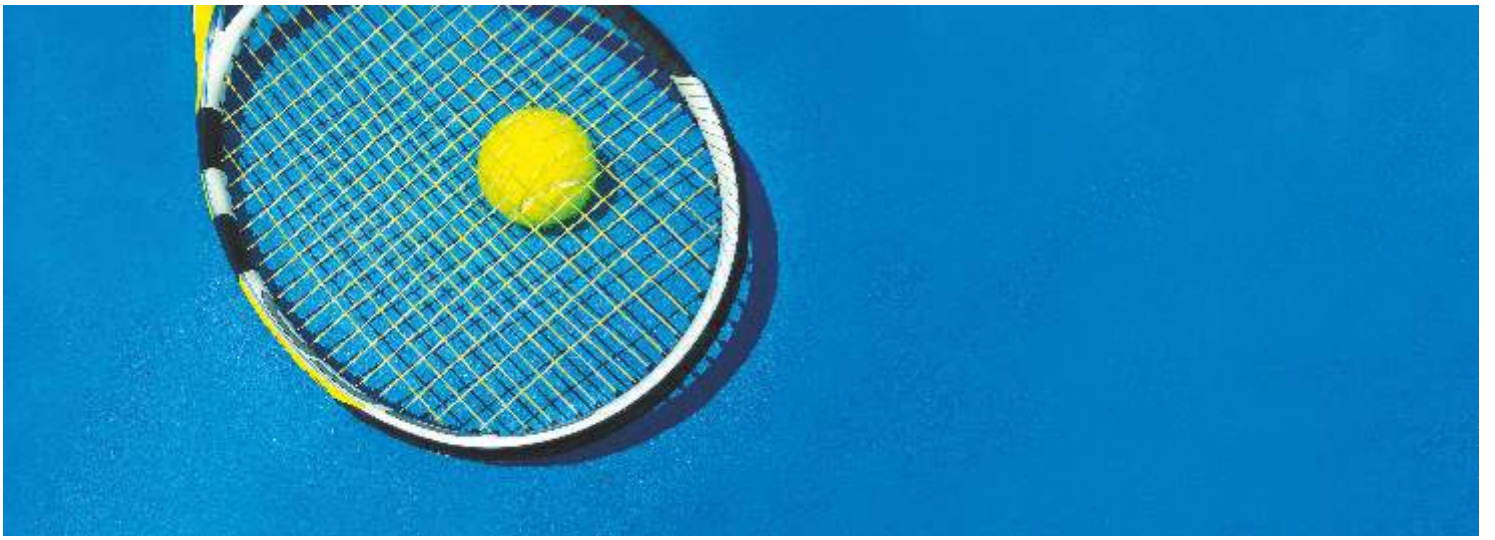


CERTIFIED EXPERTISE - IN MORE THAN 60 COUNTRIES

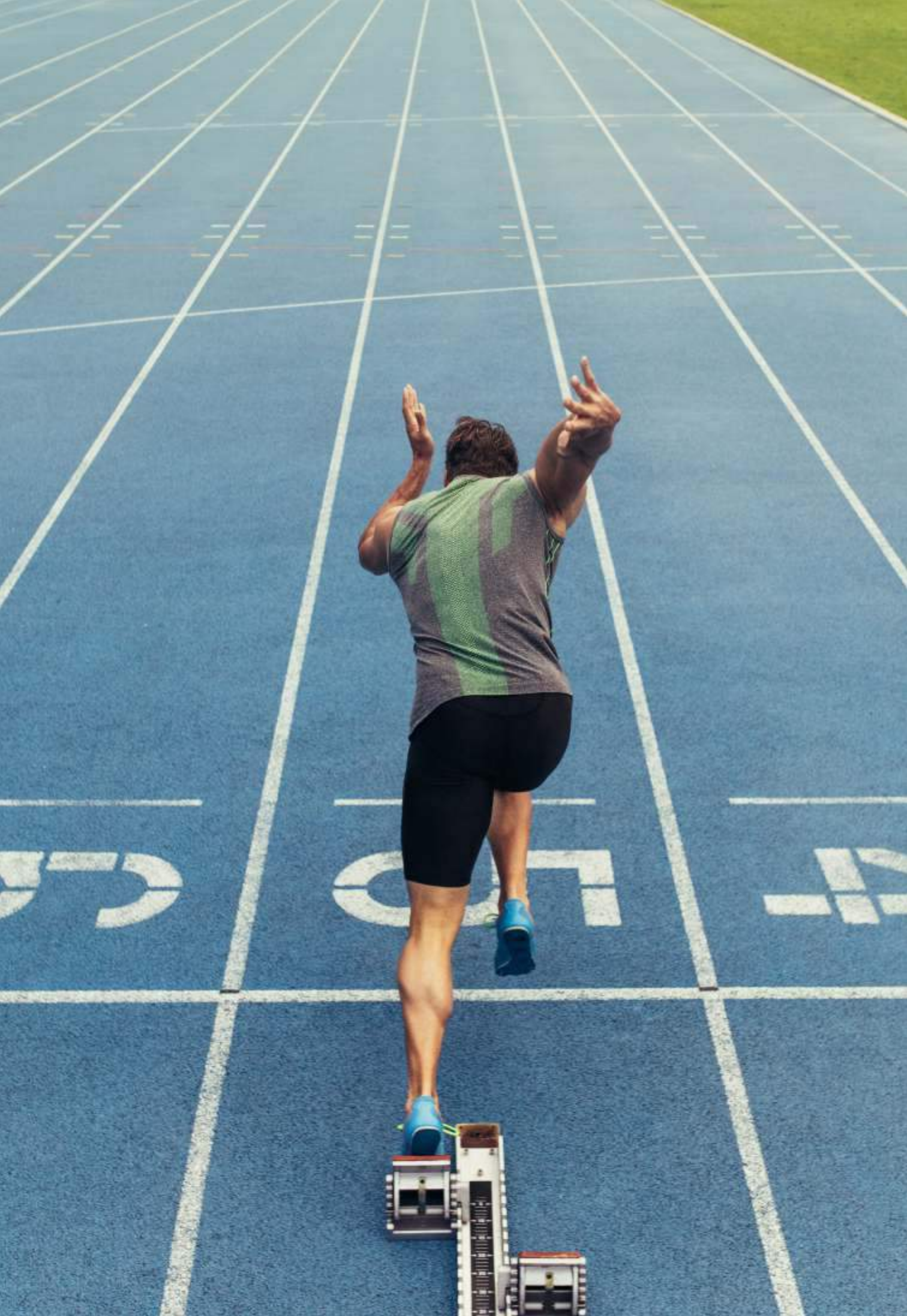
OVER 30 INTERNATIONAL CERTIFICATES

SPORTS FLOORING

KDF

Sports Flooring Systems & Building Materials

50 YEARS OF EXPERIENCE



PROJECTS
















PROJECTS















INDIA
Outdoor Sports Flooring

U.A.E
Bicycle Track

THAILAND
Running Track

K.S.A
Jogging Track

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INTRODUCTION

KDF LTD (www.kdf.gr) is one of the most dynamic and export-oriented Greek companies (currently activated in more than 60 countries in 4 continents), based in Greece (EU) with production facilities and warehouses for acrylic and polyurethane materials.
We are experts in sports, industrial and decorative flooring products and systems, with huge experience in Europe, Africa, Asia, Middle East and India as well.

Our export horizon is expanding rapidly and our goal is to stand out as a model of flexibility and competitiveness. The company, being one of the pioneer companies in the sector of sports flooring systems and building materials and giving particular attention to providing a fully upgraded range of products and services, provides certified systems by I.T.F, WORLD ATHLETICS, EU norms, L.N.E, LABOSPORT, ISASPORT, to name but a few.

Our systems are approved in many ministries like:

-Ministry of Education in U.A.E
-Ministry of Education in K.S.A
-Ministry of Education in Oman
-Ministry of Education in Kuwait and many other institutes like
-Oman Royal Police
-Aramco, K.S.A
-Musanada in U.A.E
-Municipality of Doha
-Municipality of Dubai, Abu Dhabi, Sharjah
-Ministry of Culture and Sports in Greece, General Secretariat of Sports and many others institutions.

KDF goes far beyond trade, providing consultancy in marketing and also technical support all the way, from the costing till the finalization of the project. Operating under the requirements of ISO 9001/2015 for production, trade and also application, we make sure our products are first applied successfully at site by our own people before we launch them abroad.
Therefore, our systems have all stood the real life test in different climates, from Middle East till North Europe and Latin America, and this is one of our main assets, enabling us to provide full and vertical technical support from specifying to final application plus supervision when required or even full application and costing.

We invite you to discover a world of sports flooring expertise and solutions.

RECOMMENDED SUBFLOOR FOR RUBBER AND LIQUID SPORTS FLOORING

Asphalt is the safest subfloor for sports flooring and must be always preferred than concrete surfaces.

A. Asphalt Substrate

The asphalt must have a slope of 0.7-1% and must dry for at least 30 days so that all solvents from the asphalt can evaporate.

The asphalt sub-floor should be applied on well compacted 150mm road base sub-floor and asphalt should be laid in one layer (and not 2) in 6 to 8cm with fine and coarse aggregates (up to 15mm granulometry) like the kind of asphalt used in road construction.

So, new road-grade asphalt will have to be laid (minimum 60mm) in one layer containing coarse aggregates and then mature for 30 days at least, before any application takes place on top of the asphalt to avoid bubbles on the final layer of the sport or rubber flooring.

B. Concrete Surface

Concrete surface must be power-trowelled without cracks and must be smooth with a slope of 0.7-1% and humidity under 4% in 10cm depth of concrete.

Concrete must also be dry at least for 40 days and then the application takes place if there is no rising humidity of the sub-floor. Before the application takes place, there must be **proper grinding** of the surface by a grinding machine to open the pores accordingly and also a **measurement by special instrument to measure humidity on the surface and in 10cm under the surface.**

Generally concrete is a risky sub-floor and there may be problems with rising humidity, especially in areas where the sea level is really high and when the sea is close or in areas near greenery.

Always create expansion joints in large areas of concrete, in order to avoid uncontrollable cracks and failures. Joints should be every 25 square meters creating a grid of 5x5 meters or close to that.

SPORTFLOOR-EX FAST

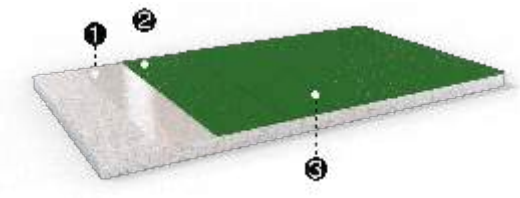
Outdoor resilient acrylic sports flooring system ideal for tennis, basketball, volleyball, handball, football courts, as well as any other outdoor sports court.

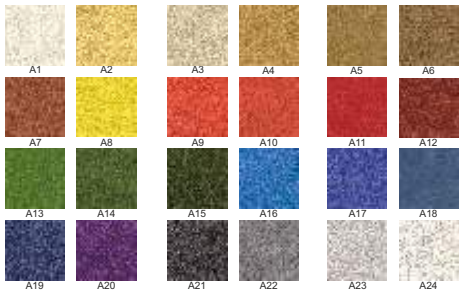
Combination of wet-pour acrylic coatings in total average thickness of 1.2mm.

Classified system by the International Tennis Federation (I.T.F) - Class 5.

Steps:

1. **RITIVEX R LIQUID 1102 - Acrylic primer.**
   Used as primer of acrylic coatings, such as **ELASTOSPORT 853, SUPER ELASTOCOAT 842, ELASTOTURF 851** or **ELASTOMARK 818**. Applied by airless sprayer or brush.
2. **ELASTOSPORT 853-COLORED - Acrylic, colored, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. It is applied by squeegee on smooth, compact road-grade asphalt, seals the porosity of the asphalt and in parallel smooths out the surface. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying.
3. **ELASTOTURF TOP - Acrylic, special top coating for sports flooring systems.**
   One component, acrylic resin with easy application, which provides a safe and high quality game. Applied by squeegee and short-haired mohair roller.





Description	Consumption
RITIVEX R LIQUID 1102 - Acrylic primer.	0.2-0.3kg/m^2 for 1 layer
ELASTOSPORT 853 COLORED - Acrylic, colored, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.	2kg/m^2 for 2 layers
ELASTOTURF TOP - Acrylic, special top coating for sports flooring systems.	0.3-0.35kg/m^2 for 1 layer

SPORTFLOOR-EX HARD COURT

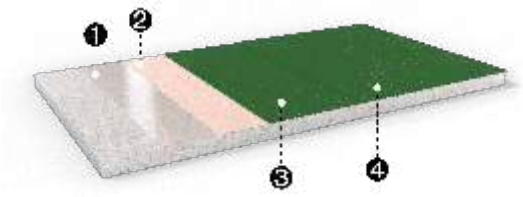
Outdoor resilient, acrylic medium-hard sports flooring system ideal for tennis, basketball, volleyball, handball, football courts, as well as any other outdoor sports court.

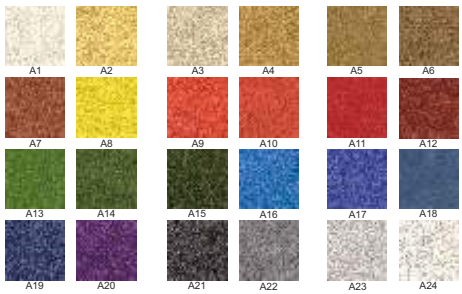
Combination of wet-pour acrylic coatings in total average thickness of 2.2mm.

Classified system by the International Tennis Federation (I.T.F) - Class 4.

Steps:

1. **RITIVEX R LIQUID 1102 - Acrylic primer.**
   Used as primer of acrylic coatings, such as **ELASTOSPORT 853, SUPER ELASTOCOAT 842, ELASTOTURF 851** or **ELASTOMARK 818**. Applied by airless sprayer or brush.
2. **ELASTOSPORT 853 - Acrylic, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. It is applied by squeegee on smooth compact asphalt to seal the porosity and smooth out the surface before the application of **ELASTOTURF 851**. Highly resistant to adverse weather conditions(snow, frost, heat waves etc.) after drying.
3. **ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. It is combined with **ELASTOSPORT 853** as substrate to create multi-purpose sports flooring systems. Highly resistant to adverse weather conditions(snow, frost, heat waves etc.) after drying. Applied by squeegee.
4. **ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.**
   Provides strong adhesion to the substrate and resistance to weather conditions. It is applied by short haired mohair roller.





Description	Consumption
RITIVEX R LIQUID 1102 - Acrylic primer.	0.2-0.3kg/m^2 for 1 layer
ELASTOSPORT 853 - Acrylic, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.	2kg/m^2 for 2 layers
ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports flooring systems.	0.5kg/m^2 for 1 layer 1kg/m^2 for 2 layers
ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.	0.35kg/m^2 for 1 layer

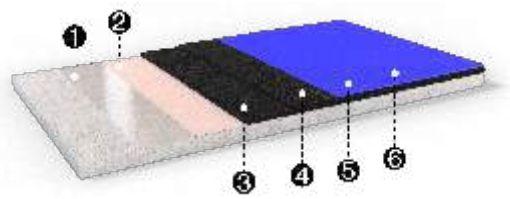
FLEXFLOOR-EX in 3.5mm

Outdoor flexible, acrylic sports flooring system ideal for tennis, basketball, volleyball, handball and football courts, as well as any other outdoor sports court.
Combination of wet-pour acrylic coatings in total average thickness of 3.5mm.

Classified system by the International Tennis Federation (I.T.F) - Class 3.

Steps:

1. **RITIVEX R LIQUID 1102 - Acrylic primer.**
   Used as primer of acrylic coatings, such as **ELASTOSPORT 853, SUPER ELASTOCOAT 842, ELASTOTURF 851** or **ELASTOMARK 818**. Applied by airless sprayer or brush.
2. **ELASTOSPORT 853 - Acrylic, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. It is applied by squeegee on dry compact asphalt to seal the porosity and smooth out the surface before the application of **SUPER ELASTOCOAT 842**. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying.
3. **SUPER ELASTOCOAT COARSE 842 - Highly flexible, pasty, wet-pour cushion rubber flooring for sports flooring systems.**
   Consists of recycled rubber, acrylic resins and special improver, with SBR granules in granulometry of 0.5-1.0mm. Applied by squeegee in 2 crossing layers on dry compact smooth asphalt or waterproof concrete substrates or on **ELASTOSPORT 853**.
4. **SUPER ELASTOCOAT FINE 842 - Highly flexible, pasty, wet-pour cushion rubber flooring for sports flooring systems.**
   Consists of recycled rubber, acrylic resins and special improver, with SBR powder in granulometry of 0.2-0.5mm. Applied by squeegee in 2 crossing layers, on dry compact smooth asphalt or waterproof concrete substrates or on **ELASTOSPORT 853**.



5. **ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying. Applied by squeegee.
6. **ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.**
   Provides strong adhesion to the substrate and resistance to weather conditions. It is applied by short haired mohair roller.

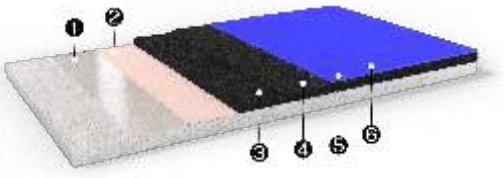
Description	Consumption
RITIVEX R LIQUID 1102 - Acrylic primer.	0.2-0.3kg/m^2 for 1 layer
ELASTOSPORT 853 - Acrylic, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.	1.3kg/m^2 for 1 layer
SUPER ELASTOCOAT COARSE 842 - Highly flexible, pasty, wet-pour cushion sub-layer for sports flooring systems.	1.2kg/m^2 for 2 layers
SUPER ELASTOCOAT FINE 842 - Highly flexible, pasty, wet-pour cushion sub-layer for sports flooring systems.	0.8kg/m^2 for 2 layers
ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports floor systems.	1.3kg/m^2 for 2 layers
ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.	0.35kg/m^2 for 1 layer

FLEXFLOOR-EX in 6mm

Outdoor flexible, acrylic sports flooring system ideal for tennis, basketball, volleyball, handball and football courts, as well as any other outdoor sports court.

Combination of wet-pour acrylic coatings in total average thickness of 6mm.

Steps:



1. **RITIVEX R LIQUID 1102 - Acrylic primer.**
   Used as primer of acrylic coatings, such as **ELASTOSPORT 853, SUPER ELASTOCOAT 842, ELASTOTURF 851** or **ELASTOMARK 818**. Applied by airless sprayer or brush.
2. **ELASTOSPORT 853 - Acrylic, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. It is applied by squeegee on dry compact asphalt to seal the porosity and smooth out the surface before the application of **SUPER ELASTOCOAT 842**. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying.
3. **SUPER ELASTOCOAT COARSE 842 - Highly flexible, pasty, wet-pour cushion rubber flooring for sports flooring systems.**
   Consists of recycled rubber, acrylic resins and special improver, with SBR granules in granulometry of 0.5-1mm. Applied by squeegee in 5 crossing layers on dry compact smooth asphalt or waterproof concrete substrates or on **ELASTOSPORT 853**.
4. **SUPER ELASTOCOAT FINE 842 - Highly flexible, pasty, wet-pour cushion rubber flooring for sports flooring systems.**
   Consists of recycled rubber, acrylic resins and special improver, with SBR powder in granulometry of 0.2-0.5mm. Applied by squeegee in 2 crossing layers on dry compact smooth asphalt or waterproof concrete substrates or on **ELASTOSPORT 853**.
5. **ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying. Applied by squeegee.
6. **ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.**
   Provides strong adhesion to the substrate and resistance to weather conditions. It is applied by short haired mohair roller.

Description	Consumption
RITIVEX R LIQUID 1102 - Acrylic primer.	0.2-0.3kg/m^2 for 1 layer
ELASTOSPORT 853 - Acrylic, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.	1.3kg/m^2 for 1 layer
SUPER ELASTOCOAT COARSE 842 - Highly flexible, pasty, wet-pour cushion sub-layer for sports flooring systems.	3.4kg/m^2 for 5 layers
SUPER ELASTOCOAT FINE 842 - Highly flexible, pasty, wet-pour cushion sub-layer for sports flooring systems.	0.8kg/m^2 for 2 layers
ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports floor systems.	1.3kg/m^2 for 2 layers
ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.	0.35kg/m^2 for 1 layer

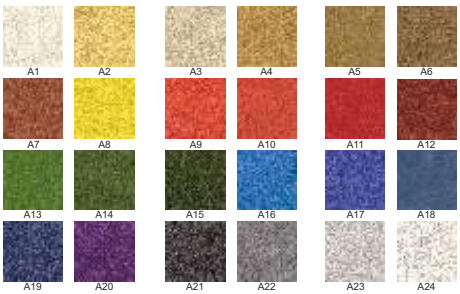
WET-POUR POLYFLEX AEL-EX

Outdoor highly flexible, acrylic system, ideal for tennis, basketball, volleyball, handball, football, multipurpose courts, as well as any other outdoor sports court.

Combination of a mixture of **PU BINDER 1118** plus **RECYCLED RUBBER 858,** in granulometry of 0.5-2mm, and acrylic coatings in total thickness of 8mm up to14mm.

Steps:

1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush on asphalt surfaces or on waterproof concrete surfaces, without rising humidity issues.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858(minimum 6mm) - Elastic, shock-absorbent, wet-pour system.**
   The **RECYCLED RUBBER 858** is in granulometry of 0.5-2mm. The mixture is applied by paving machine in thickness of 6mm to12mm or more.
3. **ELASTOTURF 851 - Acrylic, elastic, slip-resistant coating for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. Creates multi-purpose sports flooring systems. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying. Applied by squeegee in 2 layers at least.
4. **ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.**
   Provides strong adhesion to the substrate and resistance to weather conditions. It is applied by short haired mohair roller.

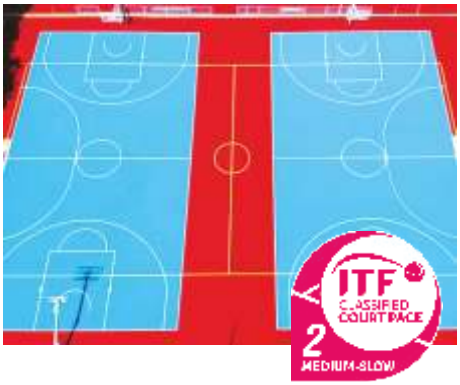


Description	Consumption
PU PRIMER 870 - Special, polyurethane, prime.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1.2kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 - SBR granules in granulometry of 0.5-2mm.	6kg/m^2 for 10mm mixture
ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports flooring systems.	3-3.3kg/m^2 for 2 layers
ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.	0.35kg/m^2 for 1 layer

POLYFLEX AEL-EX

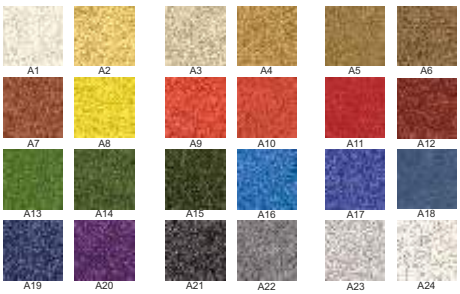
Outdoor highly flexible, acrylic system, ideal for tennis, basketball, volleyball, handball, football, multipurpose courts, as well as any other outdoor sports court.
Combination of prefabricated shock-pads and acrylic coatings in average total thickness of 6mm up to14mm.

Classified system by the International Tennis Federation (I.T.F) - Class 2.



Steps:

1. **PU FLEX 140 - Special, polyurethane, two-component adhesive.**
   It is applied with a V-notch trowel, on dry waterproof surfaces of concrete, without rising humidity issues, or smooth, asphalt surfaces. Used for the application of **ISOPOL 854** shock-pad in rolls or other prefabricated shock-absorbent rolls made from recycled rubber or EPDM granules.
2. **ISOPOL 854 - Shock-pad in rolls.**
   Elastic, prefabricated shock-pad made of recycled rubber granules providing shock-absorbency, in thickness of 4mm up to12mm. Used as cushion substrate before the application of polyurethane or acrylic systems.
3. **ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports flooring systems.**
   Consists of acrylic resins, quartz sand and special improver. It is combined with **ISOPOL 854** as substrate to create multipurpose sports flooring systems. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying. Applied by squeegee in 2 layers at least.
4. **ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.**
   Provides strong adhesion to the substrate and resistance to weather conditions. It is applied by short haired mohair roller.



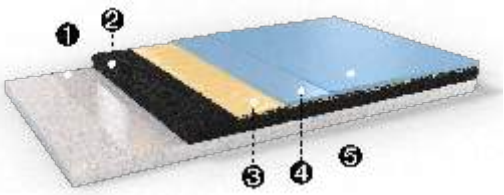
Description	Consumption
PU FLEX 140 - Special, polyurethane, two-component adhesive.	1kg/m^2 for 1 layer
ISOPOL 854 - Shock-pad in rolls.	
ELASTOTURF 851 - Acrylic, elastic, slip-resistant, coating for sports flooring systems.	1.7-2kg/m^2 for 2 layers
ELASTOMARK 818 - Elastic, acrylic coating for indoor and outdoor sports surfaces.	0.35kg/m^2 for 1 layer

WET-POUR POLYFLEX PU-EX

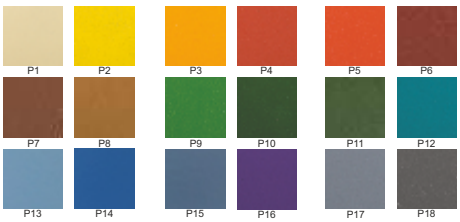
Outdoor highly resilient sports flooring system ideal for multipurpose areas, tennis, basketball, volleyball, handball, football courts, as well as any other outdoor sports court.

Combination of a mixture of **PU BINDER 1118** plus **RECYCLED RUBBER 858** in granulometry of 0.5-2mm, in thickness of 8mm up to 14mm and polyurethane elastic top coating system in 2mm thickness.

Steps:



1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush on asphalt surfaces or on waterproof concrete surfaces, without rising humidity issues.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858 - Elastic, shock-absorbent, wet-pour system.**
   The **RECYCLED RUBBER 858** is in granulometry of 0.5-2mm. The mixture is applied by paving machine in thickness from 6mm to 12mm or more.
3. **POLYSPORT STUCCO 1050 - Polyurethane, elastic, two-component pore filler.**
   Used for sealing porous of wet-pour or prefabricated shock-absorbent sub-floor of sports flooring systems. Applied by flat trowel.
4. **POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.**
   It is combined with wet-pour or prefabricated, shock-absorbent, resilient rubber cushion as substrate to create multipurpose sports flooring systems. Pore filling with **POLYSPORT STUCCO 1050** precedes its application. Applied by V-notch trowel and the parallel use of spiked roller.



5. **POLYSPORT 1052 - UV-resistant, polyurethane, aliphatic, two-component top coating for outdoor sports flooring.**
   Applied in two crossing layers by airless sprayer or short haired mohair roller.

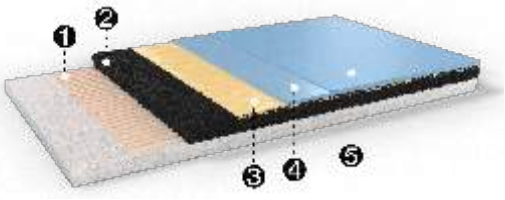
Description	Consumption
PU PRIMER 870 - Special, polyurethane primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1.2kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 - SBR granules in granulometry of 0.5-2mm.	6kg/m^2 for 10mm mixture
POLYSPORT STUCCO 1050 - Polyurethane, elastic, two-component pore filler.	1.3-2.5kg/m^2 for 2 layers depending on the SBR granulometry
POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.	2-2.2kg/m^2 for 1 layer
POLYSPORT 1052 - UV-resistant, polyurethane, two-component, top coating for outdoor sports flooring.	0.25kg/m^2 for 2 layers

POLYFLEX PU-EX

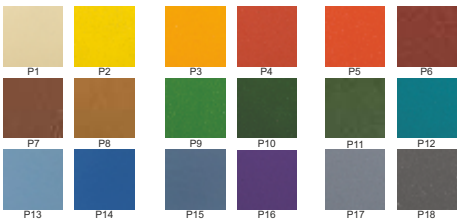
Outdoor highly resilient sports flooring system ideal for multipurpose areas, tennis, basketball, volleyball, handball, football courts, as well as any other outdoor sports court.
Combination of prefabricated shock-pad and polyurethane coatings in 6mm up to 16mm average total thickness.

Certified system by LABOSPORT Institute and KIWA Institute.

Steps:



1. **PU FLEX 140 - Special, polyurethane, two-component adhesive.**
   It is applied with a V-notch trowel, on dry waterproof, smooth, power-troweled surfaces of concrete, without rising humidity issues, or asphalt. Used for the application of **ISOPOL 854** shock-pads or other prefabricated shock-absorbent rolls made from recycled rubber or **EPDM** granules.
2. **ISOPOL 854 - Shock-pad in rolls.**
   Elastic, prefabricated shock-pad made of recycled rubber granules providing shock-absorbency, in thickness of 4mm up to14mm. Used as cushion substrate before the application of polyurethane or acrylic systems.
3. **POLYSPORT STUCCO 1050 - Polyurethane, elastic, two-component pore filler.**
   Used for sealing porous of wet-pour or prefabricated shock-absorbent sub-floor of sports flooring systems. Applied by flat trowel.
4. **POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces**.
   It is combined with **ISOPOL 854** as substrate to create multi-purpose shock-absorbent resilient sports flooring systems. Pore filling with **POLYSPORT STUCCO 1050** precedes its application. Applied by a V-notch trowel and the parallel use of spiked roller.

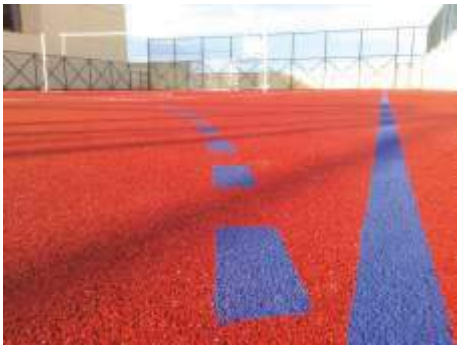


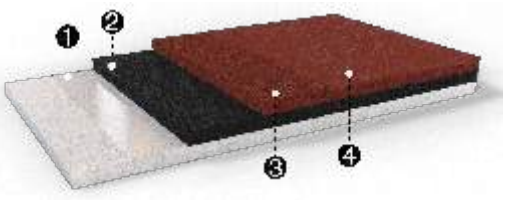
5. **POLYSPORT 1052 - UV-resistant, polyurethane, aliphatic, two-component top coating for outdoor sports flooring.**
   Applied, in two crossing layers by airless sprayer or short haired mohair roller.

Description	Consumption
PU FLEX 140 - Special, polyurethane, two-component adhesive.	1kg/m^2 for 1 layer
ISOPOL 854 - Shock-pad in rolls.	
POLYSPORT STUCCO 1050 - Polyurethane, elastic, two-component pore filler.	0.7-0.8kg/m^2 for 2 layers on rolls
POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.	2-2.2kg/m^2 for 1 layer
POLYSPORT 1052 - UV-resistant, polyurethane, two-component, top coating for outdoor sports flooring.	0.25kg/m^2 for 2 layers

COLORFLEX

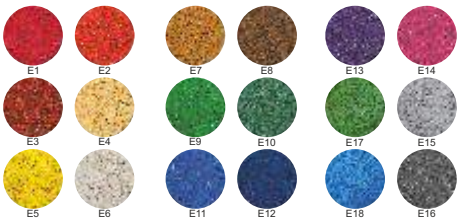
Elastic, wet-pour, polyurethane, safety flooring ideal for schoolyards, playground flooring and also for volleyball, handball, basketball, football courts and multipurpose courts.
Consists of 2 layers, the first of which is a mixture of **PU BINDER 1118** and **RECYCLED RUBBER 858**(1-3mm) (shock-pad layer), which can be applied in thickness from 6mm to 20mm. The second layer is a mixture of **PU BINDER 1118** with **EPDM 856** (1-3mm) applied by paving machine or by trowel with the parallel use of a cylinder (10kg) in thickness from 6 mm up to 15mm.
It can create many designs and patterns by the use of different colors of **EPDM 856**. It is applied in total thickness from 12 mm up to 35mm, only over cured asphalt surfaces and waterproofed power-troweled smooth concrete surfaces without rising humidity issues.





Steps:

1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush on asphalt surfaces or on waterproof concrete surfaces without rising humidity issues.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858 - Elastic, shock-absorbent, wet-pour system.**
   Applied by paving machine. Alternatively, it can be applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting. Thickness from 6mm up to 20mm.
3. **Mixture of PU BINDER 1118 and EPDM 856**.
   Applied by paving machine. Alternatively, it can be applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting. Thickness from 6mm up to 15mm.



4. **POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat top coating for the protection of EPDM granules.**
   Applied in two crossing layers by airless sprayer or short haired mohair roller in the desired color. It serves as dual protection from UV sunlight and color fading while giving the possibility to crate different designs and patterns.

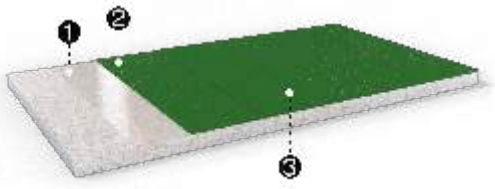
Description	Consumption
PU PRIMER 870 - Special, polyurethane primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 - SBR granules in granulometry of 1-3mm.	6kg/m^2 for 10mm mixture
PU BINDER 1118 - Polyurethane binder.	2kg/m^2 for 10mm mixture
EPDM 856 - EPDM granules in granulometry of 1-3mm.	10kg/m^2 for 10mm mixture
POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat top coating for the protection of EPDM granules against UV radiation.	0.4kg/m^2 for 2 layers

SMARTFLOOR-EX

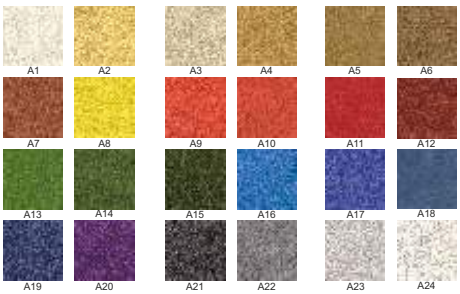
Outdoor resilient and fast-applied acrylic sports flooring system ideal for tennis, basketball, volleyball, handball, football courts, as well as any other outdoor sports courts.

Combination of wet-pour acrylic coatings in total average thickness of 1.5mm.

Steps:



1. **RITIVEX R LIQUID 1102 - Acrylic primer.**
   Used as primer of acrylic coatings, such as **ELASTOSPORT 853, ELASTOTURF 851, SUPER ELASTOCOAT 842**, **ELASTOMARK 818** or **SMARTCOAT 880**. Applied by airless sprayer or brush.
2. **SMARTCOAT 880 - Acrylic, colored coating/filler for smoothing out the surface of the asphalt and for giving superior wearing properties and mechanical resistance to the system.**
   Consists of colored acrylic resins, quartz sand and special improver. It is applied by squeegee on smooth, compact road-grade asphalt and in parallel seals the porosity of the asphalt and smooths out the surface. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying.
3. **SMART TOP 890 - Acrylic, elastic coating for indoor and outdoor sports surfaces.**
   Applied by squeegee and rollers.



Description	Consumption
RITIVEX R LIQUID 1102 - Acrylic primer.	0.2-0.3kg/m^2 for 1 layer
SMARTCOAT 880 - Acrylic, colored coating/filler for smoothing out the surface of the asphalt and for giving superior wearing properties and mechanical resistance to the system.	2kg/m^2 for 2 layers depending on the porosity of the substrate
SMART TOP 890 - Acrylic, elastic coating for indoor and outdoor sports surfaces.	0.3kg/m^2 per layer for 1 or 2 layers

CYCLING TRACKS

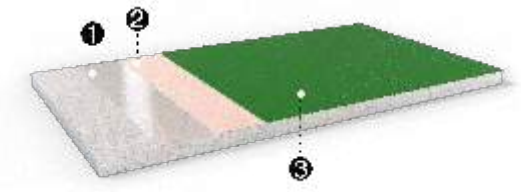
SPORTGROUND-EX

Outdoor resilient medium-hard acrylic flooring system ideal for cycling tracks, surrounding areas in sports grounds, parks, pathways etc.

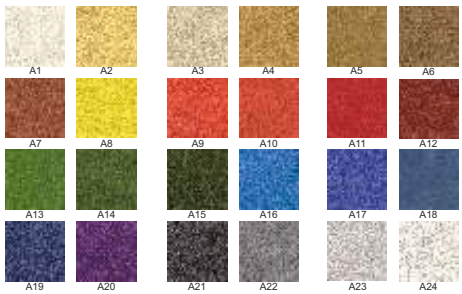
Combination of wet-pour acrylic coatings in total average thickness of 2.2mm.

Certified system by LABOSPORT Institute.

Steps:



1. **RITIVEX R LIQUID 1102 - Acrylic primer.**
   Used as primer of acrylic coatings, such as **ELASTOSPORT 853, ELASTOTURF 851, SUPER ELASTOCOAT 842**, **ELASTOMARK 818** or **SMARTCOAT 880**. Applied by airless sprayer or brush.
2. **ELASTOSPORT 853 - Acrylic, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems**.
   Consists of acrylic resins, quartz sand and specials improver. It is applied by squeegee on dry compact asphalt to seal the porosity and smooth out the surface before the application of **CORRIDOL 864**. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying.
3. **CORRIDOL 864 - Acrylic, slip-resistant coating for outdoor surfaces.**
   It is applied by squeegee on waterproof, smooth, concrete surfaces, without rising humidity issues, or asphalt surfaces. Prior application of **ELASTOSPORT 853** is recommended to fill in and smooth out the underlying substrate. Highly resistant to adverse weather conditions (snow, frost, heat waves etc.) after drying.



Description	Consumption
RITIVEX R LIQUID 1102 - Acrylic primer.	0.2-0.3kg/m^2 for 1 layer
ELASTOSPORT 853 - Acrylic, one component, smoothing and repairing wet-pour resurfacer for sports flooring systems.	2kg/m^2 for 2 layers depending on the porosity of the asphalt substrate
CORRIDOL 864 - Acrylic, slip-resistant coating for outdoor surfaces.	1.5kg/m^2 for 3 layers

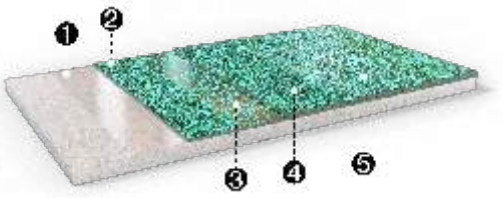
CYCLING TRACKS

DECOQUARTZ

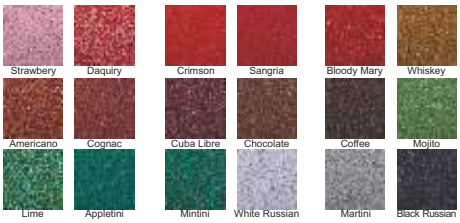
Consists of colored quartz aggregates broadcasting, in granulometry of 0.7-1.2mm, and two-component polyurethane resins for outdoor applications.

Recommended for cycling tracks, for anti-slip outdoor flooring, ramps, stairs, for surrounding areas of swimming pools, in city squares etc.

Steps:



1. **PU PRIMER 870 - Polyurethane primer.**
   Applied by airless sprayer or brush.
2. **COLOR QUARTZ AGGREGATES - In granulometry of 0.7-1.2mm.**
   Broadcasted.
3. **PU COATING - Polyurethane, UV-resistant, two-component coating.**
   Applied by airless sprayer.
4. **COLOR QUARTZ AGGREGATES - In granulometry of 0.7-1.2mm.**
   Broadcasted.
5. **POLFLOOR PU 807 - Polyurethane, two-component UV-resistant sealing coat.**
   Highly resistant to adverse weather conditions (snow, frost, heat waves, etc.). Applied by airless sprayer.



Description	Consumption
PU PRIMER 870 - Polyurethane primer.	0.35kg/m^2 for 2 layers
COLOR QUARTZ AGGREGATES (in granulometry of 0.7-1.2mm).	2.5kg/m^2
PU COATING - Polyurethane, UV-resistant, two-component coating.	0.2kg/m^2 for 1 layer
COLOR QUARTZ AGGREGATES (in granulometry of 0.7-1.2mm).	2.5kg/m^2
POLFLOOR PU 807 - Polyurethane, two-component, UV-resistant sealing coat.	0.45kg/m^2 for 2 layers

POLTRACK SPRAYCOAT

Synthetic outdoor system for running tracks in total thickness of 13.5mm.
It is applied on fine asphalt or smooth, waterproof concrete, without rising humidity issues, in two basic layers. The first, base layer, is mixed at site, and consists of the polyurethane binder **POLAPLAST P13** and **RECYCLED RUBBER 858**, SBR granules. The second layer, spray layer, is applied at site and consists of the colored polyurethane spray coating **POLAPLAST P12** and **EPDM 856**.

Certified system by WORLD ATHLETICS and according to EN 14877.

Steps:

1. **POLAPLAST P10 - Polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of POLAPLAST P13 and RECYCLED RUBBER 858 in granulometry of 1-4mm.**
   Applied by paving machine.
3. **Mixture of POLAPLAST P12 and EPDM 856 in granulometry of 0.5-1.5mm.**
   Applied by spraying machine in two crossing layers.

Description	Consumption
POLAPLAST P10 - Polyurethane primer.	0.2kg/m^2
BASE LAYER	
POLAPLAST P13 - One-component, polyurethane binder.	1.32kg/m^2 for 11mm mixture
RECYCLED RUBBER 858 in granulometry of 1-4mm.	6.6kg/m^2 for 11mm mixture
SPRAY LAYER	
POLAPLAST P12 - Colored, two-component polyurethane spray coating.	1.35kg/m^2 for 2.5mm mixture
EPDM 856 in granulometry of 0.5-1.5mm.	0.9kg/m^2 for 2.5mm mixture

POLTRACK SEALED SPRAYCOAT

Synthetic outdoor system for running tracks in total thickness of 13.5mm.
It is applied on fine asphalt or smooth, waterproof concrete, without rising humidity issues. Consists of: a first, base layer mixed at site, a mixture of the polyurethane binder **POLAPLAST P13** and **RECYCLED RUBBER 858**, SBR granules, a second layer (sealing layer), the polyurethane pore filler **POLYSPORT STUCCO 1050** and then a third layer, a spray coat, applied at site, which consists of the spraycoat, colored polyurethane binder **POLAPLAST P12** and **EPDM 856**.

Steps:

1. **POLAPLAST P10 - Polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of POLAPLAST P13 and RECYCLED RUBBER 858 in granulometry of 1-4mm.**
   Applied by paving machine.
3. **POLYSPORT STUCCO 1050 - Polyurethane, elastic, two-component pore filler.**
   Used for sealing porous prefabricated subfloor of sports flooring such as **ISOPOL 854** or wet-pour cushion shock-absorbent mixtures. Applied by flat trowel.
4. **Mixture of POLAPLAST P12 and EPDM 856 in granulometry of 0.5-1.5mm.**
   Applied by spraying machine in two crossing layers.

Description	Consumption
POLAPLAST P10 - Polyurethane primer.	0.2kg/m^2
BASE LAYER	
POLAPLAST P13 - One-component, polyurethane binder.	1.32kg/m^2 for 11mm mixture
RECYCLED RUBBER 858 in granulometry of 1-4mm.	6.6kg/m^2 for 11mm mixture
SEALING LAYER	
POLYSPORT STUCCO 1050 - Polyurethane, elastic, two-component pore filler.	2kg/m^2 for 2 layers
SPRAY LAYER	
POLAPLAST P12 - Colored, two-component polyurethane spray coating.	1.35kg/m^2 for 2.5mm mixture
EPDM 856 in granulometry of 0.5-1.5mm.	0.9kg/m^2 for 2.5mm mixture

POLTRACK SANDWICH

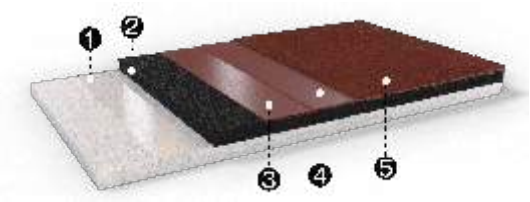
Synthetic outdoor system for running tracks in total thickness of 15.5mm.

It is applied on fine asphalt or smooth, waterproof concrete, without rising humidity issues. Consists of: a first, base layer, mixed at site, a mixture of the polyurethane binder **POLAPLAST P13** and **RECYCLED RUBBER 858**, SBR granules, a second layer (sealing layer) the colored, polyurethane sealing coating **POLAPLAST P22** on top of the cushion mixture, and a third layer (surface layer) the full-PU colored polyurethane coating **POLAPLAST P20**, before broadcasting **EPDM** granules on top to finish it off.

Certified system by WORLD ATHLETICS and according to EN 14877.

Steps:

1. **POLAPLAST P10 - Polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of POLAPLAST P13 and RECYCLED RUBBER 858 in granulometry of 1-4mm.**
   Applied by paving machine.
3. **POLAPLAST P22 - Colored polyurethane sealing layer.**
   Applied by flat trowel.
4. **POLAPLAST P20 - Colored, polyurethane full-PU, self-leveling surface layer.**
   Applied by V-notch trowel and the parallel use of spiked roller.
5. **Broadcasting EPDM granules in granulometry 1-3mm.**

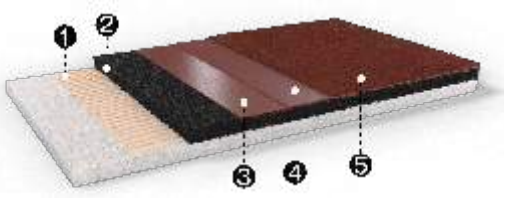


Description	Consumption
POLAPLAST P10 - Polyurethane primer.	0.2kg/m^2
BASE LAYER	
POLAPLAST P13 - One-component, polyurethane binder.	1.2kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 in granulometry of 1-4mm.	6kg/m^2 for 10mm mixture
SEALING LAYER	
POLAPLAST P22 - Colored, polyurethane sealing layer.	2kg/m^2 for 2 layers
SURFACE LAYER	
POLAPLAST P20 - Colored, polyurethane full-PU surface layer.	2.5kg/m^2 for 3.4mm mixture
EPDM 856 in granulometry of 1-3mm.	3.6kg/m^2 for 3.4mm mixture

POLTRACK ROLL-SANDWICH

Synthetic outdoor system for running tracks in total thickness of 14.5mm.
It is applied on fine asphalt or smooth, waterproof concrete, without rising humidity issues. Consists of: a first, base layer, the prefabricated shock-pad **ISOPOL 854**, a second layer (sealing layer) the colored, polyurethane, sealing coating **POLAPLAST P22** on top of the rolls, and a third layer (surface layer) the full-PU colored polyurethane coating **POLAPLAST P20**, before broadcasting **EPDM** granules on top to finish it off.
Certified system by WORLD ATHLETICS.

Steps:

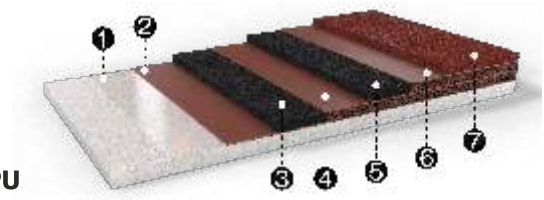


1. **PU FLEX 140 - Special, polyurethane adhesive.**
   Used for the application of **ISOPOL 854** shock-pads or other prefabricated shock-absorbent rolls made from recycled rubber or EPDM granules. Applied by V-notch trowel.
2. **ISOPOL 854 - Shock-pad in rolls.**
   Elastic, prefabricated shock-pad made of recycled rubber providing shock-absorbency. Used as cushion substrate before the application of polyurethane or acrylic systems.
3. **POLAPLAST P22 - Colored polyurethane sealing layer.**
   Applied by flat trowel.
4. **POLAPLAST P20 - Colored, polyurethane full-PU, self-leveling surface layer.**
   Applied by V-notch trowel and the parallel use of spiked roller.
5. **Broadcasting EPDM granules in granulometry 1-3mm.**

Description	Consumption
PU FLEX 140 - Special, polyurethane adhesive.	1kg/m^2
BASE LAYER	
ISOPOL 854 - Shock-pad in rolls.	
SEALING LAYER	
POLAPLAST P22 - Colored polyurethane sealing layer.	0.8kg/m^2 for 2 layers
SURFACE LAYER	
POLAPLAST P20 - Colored polyurethane full-PU surface layer.	2.5kg/m^2
EPDM 856 in granulometry of 1-3mm.	3.6kg/m^2

POLTRACK FULL-PU

Synthetic outdoor system for running tracks in stadiums in total thickness of 15mm .
It is applied on fine asphalt or smooth, waterproof concrete, without rising humidity issues. After laying a PU primer for adhesion, follows the first layer (base layer), which consists of the FULL-PU colored polyurethane coating **POLAPLAST P28** and **RECYCLED RUBBER 858** broadcasted on top (fresh-on-fresh), a second layer comprising again the FULL-PU colored polyurethane coating **POLAPLAST P28** laid on the surface and **RECYCLED RUBBER 858** broadcasted on top (fresh-on-fresh) and the third layer (surface layer) is the full-PU colored polyurethane coating **POLAPLAST P28** laid on the surface and **EPDM** granules broadcasted on top to finish it off (fresh-on-fresh).
Certified system by WORLD ATHLETICS.



Steps:

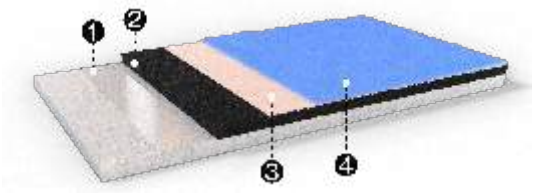
1. **POLAPLAST P10 - Polyurethane primer.** Applied by airless sprayer or brush.
2. **POLAPLAST P28, specially modified, colored full-PU coating,** applied by V-notch trowel.
3. **RECYCLED RUBBER 858,** SBR granules, broadcasted on the surface.
4. **POLAPLAST P28, specially modified, colored full-PU coating,** applied by V-notch trowel.
5. **RECYCLED RUBBER 858,** SBR granules, broadcasted on the surface.
6. **POLAPLAST P28, specially modified, full-PU coating,** applied by V-notch trowel.
7. **EPDM 856,** EPDM granules, broadcasted on the surface.

Description	Consumption
POLAPLAST P10 - Polyurethane primer.	0.2kg/m^2
BASE LAYER	
POLAPLAST P28 - Specially modified, colored polyurethane full-PU coating.	3.2kg/m^2 for 5mm mixture
RECYCLED RUBBER 858 in granulometry of 1-4mm.	3kg/m^2 for 5mm mixture
SECOND LAYER	
POLAPLAST P28 - Specially modified, colored polyurethane full-PU coating.	3.2kg/m^2 for 5mm mixture
RECYCLED RUBBER 858 in granulometry of 1-4mm.	2.6kg/m^2 for 5mm mixture
SURFACE LAYER	
POLAPLAST P28 - Specially modified, colored polyurethane full-PU coating.	3.55kg/m^2 for 5mm mixture
EPDM 856 in granulometry of 1-3mm.	4.2kg/m^2 for 5mm mixture

POLTRACK SPRAYCOAT ACRYLIC

Innovative, new, synthetic outdoor economical system with a shock-pad for running tracks, in thickness of 13mm, or as outdoor system for refreshing old courts. It is applied on fine asphalt or smooth, or waterproof concrete without rising humidity issues. Consists of: a first, base layer mixture, mixed at site, of the polyurethane binder **POLAPLAST P13** and **RECYCLED RUBBER 858**, a second layer (sealing layer) the acrylic pore filler **ELASTOTURF NEUTRO** on top of the cushion mixture or even directly on old, clean acrylic surfaces. The final layer (surface layer) is the mixture of highly pigmented 100% acrylic **ELASTOTURF TRACK** with colored **EPDM** granules in fine granulometry.
It is designed for use on new asphalt or over existing colored surfaces. Ideal solution for making old track surfaces look good as new or make a new track altogether.

Steps:



1. **POLAPLAST P10 - Polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of POLAPLAST P13, RECYCLED RUBBER 858.**
   Applied by paving machine.
3. **ELASTOTURF NEUTRO- Acrylic pore filler.**
   Applied by squeegee.
4. **Mixture of ELASTOTURF TRACK and EPDM granules.**
   It is applied by paving machine or squeegee in two or three layers.

Description	Consumption
POLAPLAST P10 - Polyurethane primer.	0.2kg/m^2
BASE LAYER	
POLAPLAST P13 - One-component, polyurethane binder.	1.2kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 in granulometry of 1-4mm.	6kg/m^2 for 10mm mixture
SEALING LAYER	
ELASTOTURF NEUTRO - Acrylic pore filler.	1.3-2.5kg/m^2
TOP LAYER	
ELASTOTURF TRACK - 100% modified acrylic.	1kg/m^2 in 2 layers for 2mm 1.5kg/m^2 in 3 layers for 3mm
EPDM 856 in granulometry of 0.5-1.5mm.	0.9kg/m^2

JOGGING TRACKS

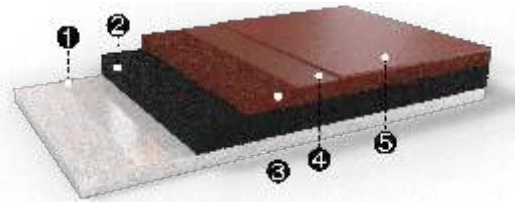
POLTRACK JOGGING TRACK

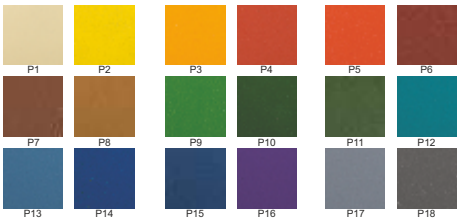
Elastic, seamless, flexible coloured flooring, ideal for jogging tracks in total thickness of 18mm.
It consists of a shock-pad base of 2 layers. First layer is a mixture of **PU BINDER 1118** and **RECYCLED RUBBER 858- SBR** granules and the second layer is a flexible, colored mixture of **PU BINDER 1118** and **EPDM** granules. Follows the PU self-leveling coating, **POLYSPORT PU 1051** with **EPDM DUST** as a sealing layer and finally the PU, UV-resistant aliphatic top coating, **POLYSPORT 1052**, in two crossing layers.

Certified system by LABOSPORT Institute.

Steps:

1. **PU PRIMER 870 - Polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858** (in granulometry of 2-5mm or 3-5mm) applied by paving machine.
3. **Mixture of PU BINDER 1118 and EPDM 856** (in granulometry of 0.5-1.5mm) applied by paving machine.
4. **Mixture of POLYSPORT PU 1051** and **EPDM dust** as a sealing layer for filling the porous of the prefabricated subfloor of sports flooring such as **ISOPOL 854** or wet-pour cushion shock-pads. Applied by flat trowel.
5. **POLYSPORT 1052 - UV-resistant, polyurethane, two-component, top coating for outdoor sports flooring.**
   Applied, in two crossing layers by airless sprayer or a short haired mohair roller.



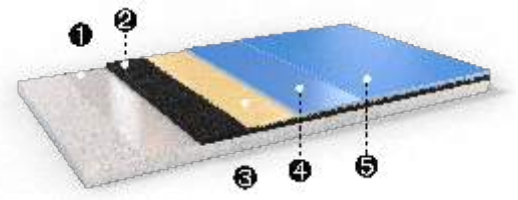


Description	Consumption
PU PRIMER 870 - Polyurethane primer.	0.2kg/m^2 for 2 layers
BASE LAYER	
PU BINDER 1118 - Polyurethane binder.	1.2kg/m^2 for 12mm mixture
RECYCLED RUBBER 858 in granulometry of 2-5mm or 3-5mm.	7.2kg/m^2 for 12mm mixture
TOP LAYER	
PU BINDER 1118 - Polyurethane binder.	1kg/m^2 for 5mm mixture
EPDM 856 in granulometry of 0.5-1.5mm.	5kg/m^2 for 5mm mixture
SEALING LAYER	
POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.	1.3kg/m^2
EPDM DUST.	0.2kg/m^2
TOP COATING	
POLYSPORT 1052 - UV-resistant, polyurethane, two-component, top coating for outdoor sports flooring.	0.3kg/m^2 for 2 layers

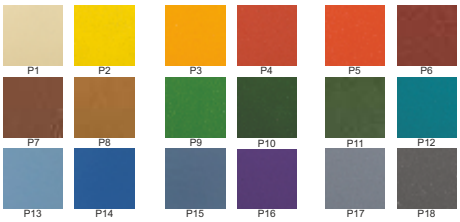
POLTRACK PU JOGGING TRACK

Elastic, seamless, flexible colored flooring, ideal for jogging tracks in total thickness of 18mm.
It consists of a shock-pad base of **PU BINDER 1118** with **RECYCLED RUBBER 858**. Follows the PU, flexible pore filler coating **POLYSPORT STUCCO 1050**, and then the PU self-leveling coating, **POLYSPORT PU 1051**. Finally a sealing PU, UV-resistant aliphatic top layer, **POLYSPORT 1056**, is applied in two crossing layers.
The success in the application depends on the right preparation of the underlay and use of the material.

Steps:



1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush on asphalt surfaces or on waterproof concrete surfaces without rising humidity issues.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858 - Elastic, shock-absorbent, wet-pour system.**
   The **RECYCLED RUBBER 858** is in granulometry of 0.5-2mm. The mixture is applied by paving machine in thickness of 16mm.
3. **POLYSPORT STUCCO 1050 - Polyurethane, elastic, two-component pore filler.**
   Used for sealing porous wet-pour shock-pad sub-floors of sports floorings systems. Applied by flat trowel.
4. **POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.**
   It is combined with wet-pour, shock-absorbent, resilient rubber cushion as substrate to create multipurpose sports flooring systems. Pore filling with **POLYSPORT STUCCO 1050** precedes its application. Applied by V-notch trowel and the parallel use of spiked roller.
5. **POLYSPORT 1056 - UV-resistant, polyurethane, aliphatic, two-component top coating for outdoor sports floorings.**
   Applied, in two crossing layers by airless sprayer or short haired mohair roller.



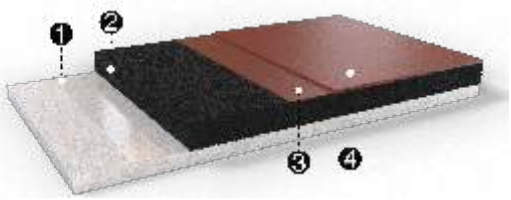
Description	Consumption
PU PRIMER 870 - Special, polyurethane primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1.92kg/m^2 for 16mm mixture
RECYCLED RUBBER 858 - SBR granules in granulometry of 0.5-2mm.	9.6kg/m^2 for 16mm mixture
POLYSPORT STUCCO 1050 - Polyurethane, elastic, two-component pore filler.	1.3-1.5kg/m^2 for 2 layers
POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.	2-2.2kg/m^2 for 1 layer
POLYSPORT 1056 - UV-resistant, polyurethane, two-component, top coating for outdoor sports flooring.	0.3kg/m^2 for 2 layers

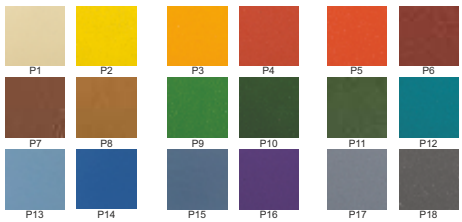
POLTRACK JOGGING TRACK - SBR

Elastic, seamless, flexible colored flooring, ideal for jogging tracks in total thickness of 18mm.
It consists of a shock-pad base of **PU BINDER 1118** with **RECYCLED RUBBER 858**. Follows the PU self-leveling coating, **POLYSPORT PU 1051** with **EPDM DUST** as a sealing layer and finally the PU, UV-resistant aliphatic top layer, **POLYSPORT 1052**, in two crossing layers.
The success of the application depends on the right preparation of the underlay and use of the material.

Steps:

1. **PU PRIMER 870 - Polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858** (in granulometry of 0.5-2mm) applied by paving machine.
3. **Mixture of POLYSPORT PU 1051** and **EPDM dust** as a sealing layer for filling the porous of the prefabricated subfloor of sports flooring such as **ISOPOL 854** or wet-pour cushion shock-absorbing mixtures. Applied by flat trowel.
4. **POLYSPORT 1052 - UV-resistant, polyurethane, two-component, top coating for outdoor sports flooring**.
   Applied, in two crossing layers by airless sprayer or a short haired mohair roller.





Description	Consumption
PU PRIMER 870 - Polyurethane primer.	0.2kg/m^2 for 2 layers
BASE LAYER	
PU BINDER 1118 - Polyurethane binder.	1.32kg/m^2 for 11mm mixture
RECYCLED RUBBER 858 in granulometry of 0.5-2mm.	6.6kg/m^2 for 11mm mixture
SEALING LAYER	
POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.	1.3kg/m^2
EPDM DUST.	0.2kg/m^2
TOP COATING	
POLYSPORT 1052 - UV-resistant, polyurethane, two-component, top coating for outdoor sports flooring.	0.3kg/m^2 for 2 layers

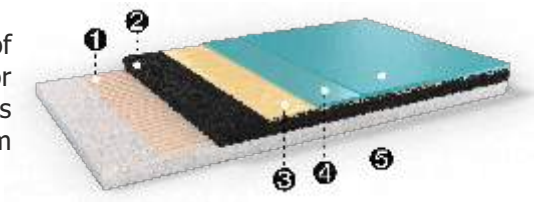
POLYFLEX PU-IN

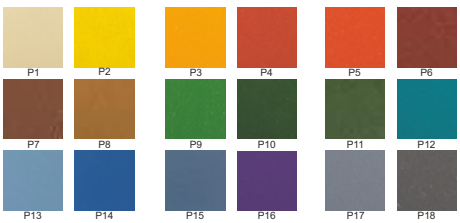
Indoor highly resilient sports flooring system ideal for multipurpose halls, gym floors, tennis, basketball, volleyball, handball, footsal courts, as well as any other indoor sports court.
Combination of prefabricated shock-pads and polyurethane coatings in 6mm up to 16mm average total thickness.

Certified system by LABOSPORT Institute and according to EN 14904.

Steps:

1. **PU FLEX 140 - Special, polyurethane, two-component adhesive.**
   It is applied, with a V-notch trowel, on dry waterproof surfaces of concrete, without rising humidity issues or asphalt. Used for the application of **ISOPOL 854** shock-pads or other prefabricated shock-absorbent rolls made from recycled rubber or EPDM**.**
2. **ISOPOL 854 - Shock-pad in rolls.**
   Elastic, prefabricated shock-pad made of recycled rubber providing shock-absorbency, in thickness of 4mm up to12mm. Used as cushion substrate before the application of polyurethane or acrylic systems.
3. **POLYSPORT STUCCO 950 - Polyurethane, elastic, two-component pore filler.**
   Used for sealing porous prefabricated subfloor of sports floorings such as **ISOPOL 854** or wet-pour cushion shock-pads. Applied by flat trowel.
4. **POLYSPORT PU 951 - Polyurethane, self-leveling, two-component coat for indoor sports surfaces.**
   It is combined with **ISOPOL 854** as substrate to create multi-purpose shock-absorbent resilient sports flooring systems. Pore filling with **POLYSPORT STUCCO 950** precedes its application. Applied by V-notch trowel and the parallel use of spiked roller.





5. **POLYSPORT 952 -Polyurethane, aliphatic, two-component top coating for indoor sport floorings**.
   Applied, in two crossing layers by airless sprayer or short haired mohair roller.

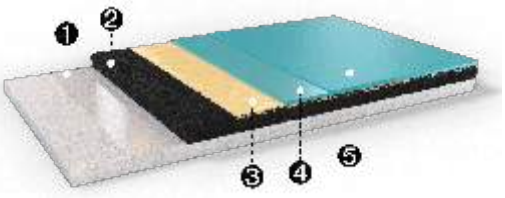
Description	Consumption
PU FLEX 140 - Special, polyurethane, two-component adhesive.	1kg/m^2 for 1 layer
ISOPOL 854 - Shock-pad in rolls.	
POLYSPORT STUCCO 950 - Polyurethane, elastic, two-component pore filler.	0.8kg/m^2 for 2 layers on rolls
POLYSPORT PU 951 - Polyurethane, self-leveling, two-component coat for indoor sports surfaces.	2-2.2kg/m^2 for 1 layer
POLYSPORT 952 - Polyurethane, aliphatic, two-component top coating for indoor sports flooring.	0.25kg/m^2 for 2 layers

WET-POUR POLYFLEX PU-IN

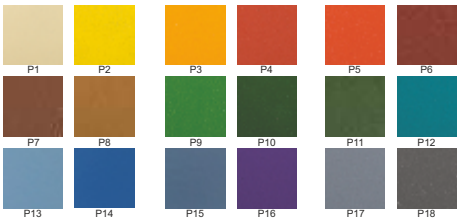
Indoor highly resilient sports flooring system ideal for multipurpose halls, tennis, basketball, volleyball, handball, footsal courts, as well as any other indoor sports court.

Combination of a mixture of **PU BINDER 1118** plus **RECYCLED RUBBER 858-SBR granules** in granulometry of 0.5-2mm, applied by paver machine in thickness of 6mm up to 14mm and polyurethane elastic top coating system in 2mm thickness.

Steps:



1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush on asphalt surfaces or on waterproof concrete surfaces without rising humidity issues.
2. **Mixture of PU BINDER 1118 plus RECYCLED RUBBER 858 - Elastic, shock-absorbent, wet-pour mixture**.
   The **RECYCLED RUBBER 858** is in granulometry of 0.5-2mm. The mixture is applied by paving machine in thickness from 6mm up to12mm or more.
3. **POLYSPORT STUCCO 950 - Polyurethane, elastic, two-component pore filler.**
   Used for sealing porous prefabricated subfloor of sports floorings such as **ISOPOL 854** or wet-pour cushion shock-pads. Applied by flat trowel.
4. **POLYSPORT PU 951 - Polyurethane, self-leveling, two-component coat for indoor sports surfaces.**
   It is combined with wet-pour, shock-absorbent, resilient rubber cushion as substrate to create multipurpose sports flooring systems. Pore filling with **POLYSPORT STUCCO 950** precedes its application. Applied by V-notch trowel and the parallel use of spiked roller.



5. **POLYSPORT 952 -Polyurethane, aliphatic, two-component top coating for indoor sport flooring**.
   Applied, in two crossing layers by airless sprayer or short haired mohair roller.

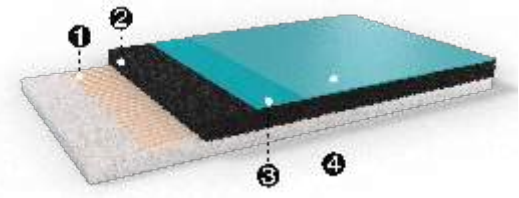
Description	Consumption
PU PRIMER 870 - Special, polyurethane, primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1.2kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 0.5-2mm.	6kg/m^2 for 10mm mixture
POLYSPORT STUCCO 950 - Polyurethane, elastic, two-component pore filler.	1.5kg/m^2 for 2 layers depending on the SBR granulometry
POLYSPORT PU 951 - Polyurethane, self-leveling, two-component coat for indoor sports surfaces.	2-2.2kg/m^2 for 1 layer
POLYSPORT 952 - Polyurethane, aliphatic, two-component top coating for indoor sport flooring.	0.25kg/m^2 for 2 layers

POLYFLEX AEL-IN

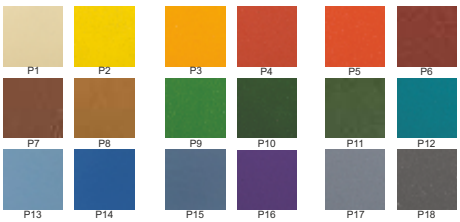
Indoor highly flexible shock-absorbent, acrylic sports flooring system, ideal for multipurpose halls, gym floors, tennis, basketball, volleyball, handball, footsal courts, as well as any other indoor sports court.

Combination of prefabricated shock-pads in rolls with acrylic-based and polyurethane based coatings in average total thickness of 8 up to 14mm.

Steps:



1. **PU FLEX 140 - Special, polyurethane, two component, adhesive.**
   It is applied, with V-notch trowel, on dry waterproof surfaces of concrete without rising humidity issues or asphalt. Used for the application of **ISOPOL 854** shock-pads or other prefabricated shock-absorbent rolls made from recycled rubber or EPDM.
2. **ISOPOL 854 - Shock-pad in rolls.**
   Elastic, prefabricated shock-pad made of recycled rubber providing shock-absorbency, in thickness of 4mm up to 12mm. Used as cushion substrate before the application of polyurethane or acrylic systems.
3. **ELASTOTURF 851S - Acrylic, elastic, smooth, coating for sports flooring systems.**
   Consists of acrylic resins, powder quartz sand and special improver. It is combined with **ISOPOL 854** as substrate to create multi-purpose sports flooring systems. Applied by squeegee.
4. **POLYSPORT 952 - Polyurethane, aliphatic, two-component top coating for indoor sports flooring.**
   Applied, in two crossing layers by airless sprayer or short haired mohair roller.



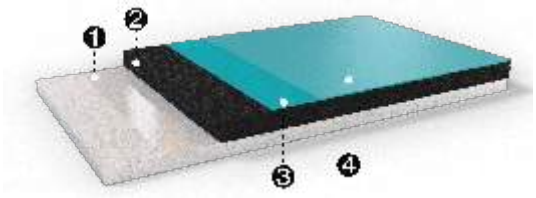
Description	Consumption
PU FLEX140 - Special, polyurethane, two-component adhesive.	1kg/m^2 for 1 layer
ISOPOL 854 - Shock-pad in rolls.	
ELASTOTURF 851S - Acrylic, elastic, smooth coating for sports floors systems.	2.2-2.5kg/m^2 for 3 layers
POLYSPORT 952 - Polyurethane, aliphatic, two-component top coating for indoor sports flooring.	0.35kg/m^2 for 2 layers

WET-POUR POLYFLEX AEL-IN

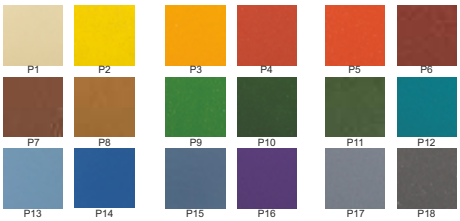
Indoor highly flexible shock-absorbent, acrylic sports flooring system, ideal for multipurpose halls, gym floors, tennis, basketball, volleyball, handball, footsal courts, as well as any other indoor sports court.

Combination of a mixture of **PU BINDER 1118** and **RECYCLED RUBBER 858** - **SBR granules** in granulometry of 0.5-2mm, applied by paver machine in thickness of 6mm up to 14mm, with acrylic-based and polyurethane-based coatings.

Steps:



1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush on asphalt surfaces or on waterproof concrete surfaces without rising humidity issues.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858(minimum 6mm) - Elastic, shock-absorbent, wet-pour mixture**.
   The **RECYCLED RUBBER 858** is in granulometry of 0.5-2mm. Applied by paver machine in thickness from 6mm up to14mm or more.
3. **ELASTOTURF 851S - Acrylic, elastic, smooth, coating for sports flooring systems.**
   Consists of acrylic resins, powder quartz sand and special improver. Applied by squeegee in three layers at least.
4. **POLYSPORT 952 - Polyurethane, aliphatic, two-component top coating for indoor sports flooring.**
   Applied, in two crossing layers by airless sprayer or short haired mohair roller.



Description	Consumption
PU PRIMER 870 - Special, polyurethane, primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1.2kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 0.5-2mm.	6kg/m^2 for 10mm mixture
ELASTOTURF 851S - Acrylic, elastic, smooth coating for sports floors systems.	3.5-3.8kg/m^2 for 3 layers
POLYSPORT 952 - Polyurethane, aliphatic, two-component top coating for indoor sports flooring.	0.35kg/m^2 for 2 layers

SAFEPOL MULTICOLOR

Elastic, safety wet-pour flooring ideal for children playground flooring, applied at site in various thickness from 4cm up to 20cm, even on compacted, clean, dry gravel and on cement or asphalt surfaces.

Consists of a mixture of **PU BINDER 1118** and **RECYCLED RUBBER 858** in granulometry of 1-3mm for the first layer **(SAFEPOL)** and of a mixture of **PU BINDER 1118** and **EPDM 856** in granulometry of 1-3mm or 1-4mm for the upper layer (**SAFEPOL MULTICOLOR**).

It can create many designs and patterns in a variety of **EPDM** colors. The final top coating over the epdm surface is the UV-resistant, mat, top coating **POLYSPORT XP 1069** in two crossing layers.

Certified according to EN 1177.

Steps:

1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858 in granulometry of 1-3mm.**
   Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.
3. **Mixture of PU BINDER 1118 and EPDM 856 in granulometry of 1-3mm or 1-4mm.**
   Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.
4. **POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of EPDM granules against UV radiation.**
   Applied in two crossing layers by airless sprayer or short haired mohair roller on the surface in the desired color, as dual protection from UV sunlight and color fading while giving the possibility to crate different designs and patterns. Necessary protection for all EPDM colors except basic colors of KDF's colorchart, E3 & E10.

Description	Consumption
PU PRIMER 870 - Special, polyurethane, primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 1-3mm.	6kg/m^2 for 10mm mixture
PU BINDER 1118 - Polyurethane binder.	2kg/m^2 for 10mm mixture
EPDM 856 in granulometry of 1-3mm or 1-4mm.	10kg/m^2 for 10mm mixture
POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of EPDM granules against UV radiation.	0.4kg/m^2 for 2 layers

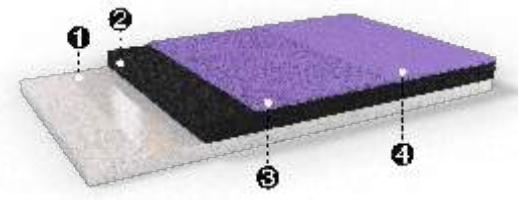
SAFEPOL MULTICOLOR WITH TPV GRANULES

Elastic, safety wet-pour flooring ideal for children playgroundflooring, applied at site in various thickness from 4cm up to 20cm, even on compacted, clean, dry gravel and on cement or asphalt surfaces.

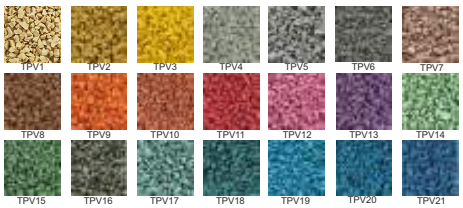
Consists of a mixture of **PU BINDER 1118** and **RECYCLED RUBBER 858** in granulometry of 1-3mm for the first layer (**SAFEPOL**) and of a mixture of **PU BINDER 1118** and **KDF TPV** granules in granulometry of 1-3mm or 2-4mm for the upper layer (**SAFEPOL TPV MULTICOLOR**). The final top coating over the TPV surface is the UV-resistant, mat, top coating **POLYSPORT XP 1069** in two crossing layers.

It can create many designs and patterns in a variety of **KDF TPV** colors.

Steps:



1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858 in granulometry of 1-3mm.**
   Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.
3. **Mixture of PU BINDER 1118 and KDF TPV granules in granulometry of 1-3mm or 2-4mm.**
   Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.
4. **POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of EPDM and TPV granules against UV radiation.**
   Applied in two crossing layers by airless sprayer or short haired mohair roller on the surface in the desired color, as dual protection from UV sunlight and color fading while giving the possibility to crate different designs and patterns. Necessary protection for all EPDM/TPV colors except basic colors of KDF's colorchart, E3 & E10 and TPV 6 & TPV 9.



Description	Consumption
PU PRIMER 870 - Special, polyurethane, primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 1-3mm.	6kg/m^2 for 10mm mixture
PU BINDER 1118 - Polyurethane binder.	2kg/m^2 for 10mm mixture
KDF TPV granules in granulometry of 1-3mm or 2-4mm.	10kg/m^2 for 10mm mixture
POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of EPDM/TPV granules against UV radiation.	0.4kg/m^2 for 2 layers

SAFEPOL SBR COLOURANT

Elastic, safety wet-pour flooring ideal for children playground flooring, applied at site in various thickness from 15 mm up to 150 mm or more, even and compacted, clean, dry gravel surfaces and on cement or asphalt surfaces.

Consists of a mixture of **PU BINDER 1118** and **RECYCLED RUBBER 858**, in granulometry of 1-3mm or 2-4mm for the first layer (**SAFEPOL**) and of a mixture of **KDF special pigments**, in 11 different shades**, PU BINDER 1118** and **RECYCLED RUBBER 858**, in granulometry of 1-3mm or 2-4 mm, for the second layer (**SAFEPOL COLOURANT**).

It can create many designs and patterns in a variety of colors. The final top coating over the SBR surface is the UV-resistant, two-component, universal, mat, top coating **POLYSPORT XP 1069**, for the protection of the SBR coloured granules in two crossed spray layers.

Steps:

1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858 in granulometry of 1–3mm or 2-4mm.**
   Applied by flat metal trowel after spreading and leveling with rake and straightedge.
3. **Mixture of KDF special pigments, PU BINDER 1118 and RECYCLED RUBBER 858 in granulometry of 1–3mm or 2-4mm.**
   Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.
4. **POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of the colored SBR granules against UV radiation.**
   Applied in two crossing layers by airless sprayer better or short haired mohair roller on the surface in the desired color, as dual protection from UV sunlight and color fading while giving the possibility to create different designs and patterns.

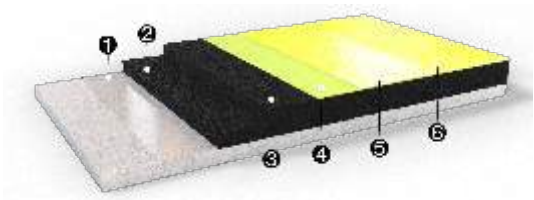
Description	Consumption
PU PRIMER 870 - Special, polyurethane, primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 1-3mm or 2-4mm.	6kg/m^2 for 10mm mixture
KDF PIGMENT	0.15-0.60kg depending on the colourant quantity (2%, 4%, 6% or
PU BINDER 1118 - Polyurethane binder.	1.45kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 1-3mm or 2-4mm.	6kg/m^2 for 10mm mixture
POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of the colored SBR granules against UV radiation.	0.4kg/m^2 for 2 layers

PLAYGROUND FLOORING

SAFEPOL SANDPROOF

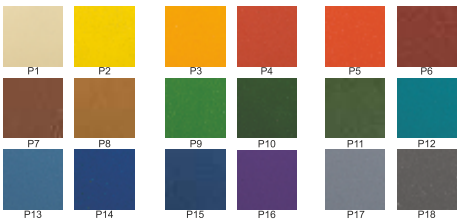
Innovative, elastic, seamless, flexible colored flooring **with sandproof properties**, ideal for school courtyards and playground flooring.
It consists of a cushion base of 2 layers. First layer is a mixture of **PU BINDER 1178** and **RECYCLED RUBBER 858** (granulometry 2-4mm or 2-5mm), in thickness of 30-110mm Second layer is a mixture of **PU BINDER 1178** and **RECYCLED RUBBER 858** (granulometry 0,5-2mm) in thickness of 10mm. Then follows the **modified sealing, sandproof and waterproof KDF-PU 1055 pore filler** with high elasticity in 2 crossing layers followed by the polyurethane self-leveling **POLYSPORT PU 1051** and then the **modified, KDF-PU 1056, sealing, UV-resistant, aliphatic, elastic, glossy top layer** in 3 crossing layers.

Certified system by TUV and LABOSPORT Institute.



Steps:

1. **PU PRIMER 870 - Special, polyurethane primer.** Applied by brush or airless sprayer on asphalt surfaces or on waterproof concrete surfaces without rising humidity issues.
2. **Mixture of PU BINDER 1178 and RECYCLED RUBBER 858 in granulometry of 2-4mm or 2-5mm.** Application with paving machine, in thickness of 30-110mm.
3. **Mixture of PU BINDER 1178 and RECYCLED RUBBER 858 in granulometry of 0.5-2mm.** Application with paving machine, in thickness of 10mm.
4. **KDF-PU 1055 - Polyurethane, modified, sandproof and waterproof, elastic pore filler.** Applied by metal trowel to create a completely non porous surface.
5. **POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor surfaces.** Applied by V-notch trowel and the parallel use of spiked roller.



6. **KDF-PU 1056 - Polyurethane, modified, UV-resistant, aliphatic, elastic, glossy, two-component top coating.** Applied, in two crossing layers by airless sprayer or short haired mohair roller.

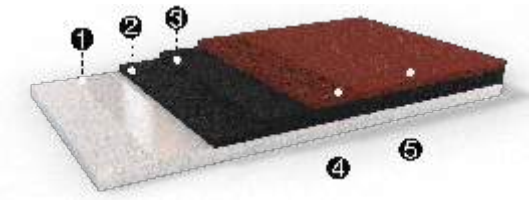
Description	Consumption
PU PRIMER 870 - Special, polyurethane primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1178 - Special, polyurethane binder.	1kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 2-4mm or 2-5mm.	6kg/m^2 for 10mm mixture
PU BINDER 1178 - Special, polyurethane binder.	1.2kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 - SBR granules in granulometry of 0.5-2mm.	6kg/m^2 for 10mm mixture
KDF-PU 1055 - Polyurethane, modified, sandproof and waterproof, elastic pore filler.	1.5kg/m^2 for 2 layers
POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for indoor sports surfaces.	2.2kg/m^2 for 1 layer
KDF-PU 1056 - Polyurethane, modified, UV-resistant, aliphatic, elastic, glossy, two-component top coating, protection against UV radiation.	0.3kg/m^2 for 2 layers

PLAYPREM

Elastic, safety wet-pour flooring ideal for children playground flooring, applied at site in various thickness from 5cm up to 20cm, even on compacted, clean, dry gravel and on cement or asphalt surfaces.

Consists of a first base mixture of recycled rubber CHUNKS, in granulometry of 20-30 mm, mixed with **PU BINDER 1118** (**SUPER SAFEPOL**), followed by a second layer of **RECYCLED RUBBER 858** in granulometry of 1-3mm mixed with **PU BINDER 1118** (**SAFEPOL**). Then a third layer is applied on top, consisting of **EPDM 856** granules (granulometry of 1-3mm or 1-4mm) mixed with **PU BINDER 1118**, (**SAFEPOL MULTICOLOR**). The final top coating over the epdm surface is the UV-resistant, mat, top coating **POLYSPORT XP 1069** in two crossing layers.

Certified system by Labosport Institute.



Steps:

1. **PU PRIMER 870 - Special, polyurethane primer.**
   Applied by airless sprayer or brush.
2. **Mixture of PU BINDER 1118 and recycle rubber CHUNK in granulometry of 20-30mm.**
3. **Mixture of PU BINDER 1118 and RECYCLED RUBBER 858 in granulometry of 1-3mm.**
4. **Mixture of PU BINDER 1118 and EPDM 856 granules in granulometry of 1-3mm or 1-4mm.**
5. **POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of EPDM granules against UV radiation.**
   Applied in two crossing layers by airless sprayer or short haired mohair roller on the surface in the desired color, as dual protection from UV sunlight and color fading while giving the possibility to crate different designs and patterns. Necessary protection for all EPDM colors except basic colors of KDF's colorchart, E3 & E10.

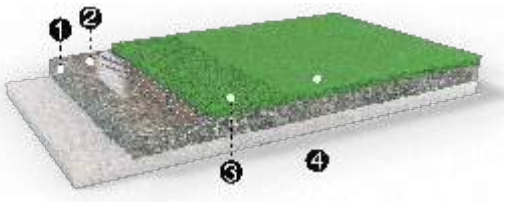
Description	Consumption
PU PRIMER 870 - Special, polyurethane, primer.	0.2-0.3kg/m^2 for 2 layers
PU BINDER 1118 - Polyurethane binder.	1kg/m^2 for 10mm mixture
RECYCLED RUBBER CHUNK **-** SBR granules in granulometry of 20-30mm.	5kg/m^2 for 10mm mixture
PU BINDER 1118 - Polyurethane binder.	1kg/m^2 for 10mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 1-3mm.	6kg/m^2 for 10mm mixture
PU BINDER 1118 - Polyurethane binder.	2kg/m^2 for 10mm mixture
EPDM 856 - EPDM granules in granulometry of 1-3mm or 1-4mm.	10kg/m^2 for 10mm mixture
POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of EPDM granules against UV radiation.	0.4kg/m^2 for 2 layers

QUICKLAWN SAFEPOL

Elastic, safety flooring ideal for children playground flooring, applied at site in various thickness from 30mm up to 120mm even on compacted, clean, dry gravel and on cement or asphalt surfaces.

Consists of a prefabricated special safety pad for playground flooring, **RAPIDFOAM 868**, followed by a layer of **PU PRIMER 870** with a polyester net and on top a mixture, in 15mm thickness, of **PU BINDER 1118** with **EPDM 856** (in granulometry of 1-3mm or 1-4mm) (upper layer). The final coating over the epdm surface is the UV-resistant, mat, top coating **POLYSPORT XP 1069** in two crossing layers.
It can create many designs and patterns in a variety of **EPDM** colors.

Steps:



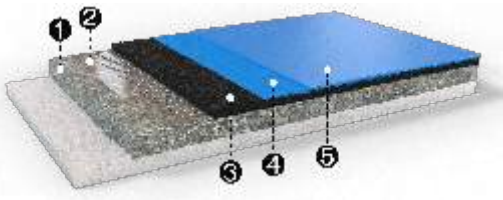
1. **RAPIDFOAM 868 - Prefabricated special safety pad for playground flooring.**
2. **PU PRIMER 870 - Special, polyurethane primer with the parallel use of a polyester net.**
   Applied by airless sprayer or brush.
3. **Mixture of PU BINDER 1118 and EPDM 856 in granulometry of 1-3mm or 1-4mm in 15mm thickness.**
   Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.
4. **POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of EPDM granules against UV radiation.**
   Applied in two crossing layers by airless sprayer or short haired mohair roller on the surface in the desired color, as dual protection from UV sunlight and color fading while giving the possibility to crate different designs and patterns. Necessary protection for all EPDM colors except basic colors of KDF's colorchart, E3 & E10.

Description	Consumption
RAPIDFOAM 868 - Prefabricated special safety pad for playground flooring.	
PU PRIMER 870 - Special, polyurethane primer.	0.2-0.3kg/m^2 for 2 layers
POLYESTER NET	
PU BINDER 1118 - Polyurethane binder.	3kg/m^2 for 15mm mixture
EPDM 856 **-** EPDM granules in granulometry of 1-3mm or 1-4mm.	15kg/m^2 for 15mm mixture
POLYSPORT XP 1069 - UV-resistant, two-component, universal, mat, top coating for the protection of EPDM granules against UV radiation.	0.4kg/m^2 for 2 layers

PLAYGROUND FLOORING

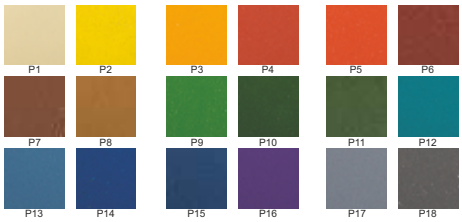
QUICKLAWN SAFEPOL SANDPROOF-SBR

Innovative, elastic, seamless, flexible colored flooring, ideal for playground floorings with sandproof properties.
It consists of a cushion base, with a first layer of a prefabricated, special, safety pad for playground flooring, **RAPIDFOAM 868**, followed by two layers of **PU PRIMER 870** with polyester net, and then a mixture of **PU BINDER 1178** with **RECYCLED RUBBER 858** (granulometry 0.5-2mm) in thickness of 13mm.
Then follows the PU self-leveling coating, **POLYSPORT PU 1051** with **EPDM DUST** as a sealing layer and then the modified, **KDF-PU 1056**, sealing, UV-resistant, aliphatic, elastic, glossy top layer in 2 crossing layers.
It provides an excellent safety flooring with a very quick application in a variety of colors with closed pores. A playground flooring that is easy to be cleaned and maintained.



Steps:

1. **RAPIDFOAM 868 - Prefabricated special safety pad for playground flooring.**
2. **PU PRIMER 870 - Special, polyurethane primer with a polyester net**. Applied by airless sprayer or brush.
3. **Mixture of PU BINDER 1178 and RECYCLED RUBBER 858 in granulometry of 0.5-2mm.** Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.
4. **Mixture of POLYSPORT PU 1051** and **EPDM dust** as a sealing layer for filling the porous of the prefabricated subfloor of sports flooring such as **ISOPOL 854** or wet-pour cushion shock-pads. Applied by flat trowel.



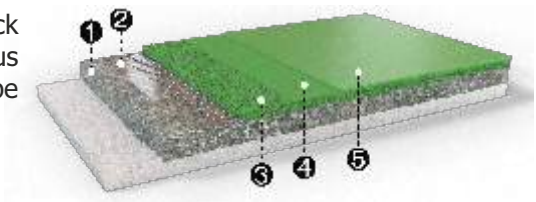
5. **KDF-PU 1056 - Polyurethane, modified, UV-resistant, aliphatic, elastic, glossy, two-component top coating.** Applied, in two crossing layers by airless sprayer or short haired mohair roller.

Description	Consumption
RAPIDFOAM 868 - Prefabricated special safety pad for playground flooring.	
PU PRIMER 870 - Special, polyurethane primer.	0.2-0.3kg/m^2 for 2 layers
POLYESTER NET	
PU BINDER 1178 - Special, polyurethane binder.	1.68kg/m^2 for 14mm mixture
RECYCLED RUBBER 858 **-** SBR granules in granulometry of 0.5-2mm.	8.4kg/m^2 for 14mm mixture
POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.	1.3kg/m^2
EPDM DUST.	0.2kg/m^2
KDF-PU 1056 - Polyurethane, modified, UV-resistant, aliphatic, elastic, glossy, two-component top coating, protection against UV radiation.	0.3kg/m^2 for 2 layers

PLAYGROUND FLOORING

QUICKLAWN SAFEPOL SANDPROOF-EPDM

Innovative, elastic, seamless, flexible colored flooring, ideal for playground flooring.
It consists of a cushion base, with a first layer of a prefabricated, special, safety pad for playground flooring, **RAPIDFOAM 868**, followed by two layers of **PU PRIMER 870** with polyester net, and then a mixture of **PU BINDER 1178** with **EPDM** granules (granulometry 0.5-1.5mm) in thickness of 13mm.
Then follows the PU self-leveling coating, **POLYSPORT PU 1051** with **EPDM DUST** as a sealing layer and then the modified, sealing, UV-resistant, aliphatic, elastic, glossy top layer, **KDF-PU 1056**, in 2 crossing layers.
It provides an excellent safety flooring with a very quick application in a variety of colors creating a closed porous surface. This kind of playground flooring is very easy to be cleaned and maintained.



Steps:

1. **RAPIDFOAM 868 - Prefabricated special safety pad for playground flooring.**
2. **PU PRIMER 870 - Special, polyurethane primer with a polyester net**. Applied by airless sprayer or brush.
3. **Mixture of PU BINDER 1178 and EPDM 856 in granulometry of 0.5-1.5mm.** Applied by flat metal trowel after spreading and leveling with rake and straightedge. Rolling with cylinder follows for compacting.
4. **Mixture of POLYSPORT PU 1051** and **EPDM dust** as a sealing layer for filling the porous of the prefabricated subfloor of sports flooring such as **ISOPOL 854** or wet-pour cushion shock-pads. Applied by flat trowel.

5. **KDF-PU 1056 - Polyurethane, modified, UV-resistant, aliphatic, elastic, glossy, two-component top coating.** Applied, in two crossing layers by airless sprayer or short haired mohair roller.

Description	Consumption
RAPIDFOAM 868 - Prefabricated special safety pad for playground flooring.	
PU PRIMER 870 - Special, polyurethane primer.	0.2-0.3kg/m^2 for 2 layers
POLYESTER NET	
PU BINDER 1178 - Special, polyurethane binder.	2.8kg/m^2 for 14mm mixture
EPDM 856 **-** EPDM granules in granulometry of 0.5-1.5mm.	14kg/m^2 for 14mm mixture
POLYSPORT PU 1051 - Polyurethane, self-leveling, two-component coat for outdoor sports surfaces.	1.3kg/m^2
EPDM DUST.	0.2kg/m^2
KDF-PU 1056 - Polyurethane, modified, UV-resistant, aliphatic, elastic, glossy, two-component top coating, protection against UV radiation.	0.3kg/m^2 for 2 layers

PROTECTIVE TOP COATINGS

POLYSPORT 1052

UV-resistant, polyurethane, two component, universal mat coating. Economical covering of outdoor sports flooring. Ideal for tennis, basketball, volleyball, handball, football and multipurpose sports courts.
Applied on prefabricated shock-pads or on wet-pour rubber cushion surfaces (mixture of PU BINDER plus SBR granules).
Also ideal for application on playground surfaces made by colored binder and SBR granules.
Perfect for refreshing old faded EPDM playground flooring and EPDM rubber safety tiles or colored SBR rubber tiles to create a new colored top surface with high UV resistance.

Consumption: 0.25-0.35 kg/m^2

POLYSPORT PR 1065

POLYSPORT PR 1065 is a clear, one component, acrylic coating that protects acrylic outdoor sports surfaces and bicycle tracks from dirt and improves the easy cleaning and maintenance of the flooring.
It's applied as final protection layer that gives a glossy finish.

Consumption: 0.2 -0.25 kg/m^2

POLYSPORT XP 1069

POLYSPORT XP 1069 is a two-component, mat finish coating with high UV resistance. It is applied as a final, protective layer **on top of playground flooring made from EPDM granules plus PU binder or also on recycled rubber tiles or EPDM tiles to maintain their colour.**
It doesn't change the EPDM structure or alter its appearance if applied properly by airless sprayer or even by simple rollers.
It is UV-resistant and thus absolutely suitable for outdoor playground rubber surfaces.
Ideal for renewing and refreshing old EPDM or rubber surfaces.

Consumption: 0.4 kg/m^2

REPAIRING MATERIALS FOR SPORTS SURFACES

CRACKFIX 500

Acrylic mixture ideal for repairing and filling cracks on asphalt or concrete sport surfaces. To be mixed on-site with sand, cement and water.

Mix **CRACKFIX 500** binder with sand, cement and water with ratio of 1 kg **CRACKFIX 500** : 1 kg sand : 0.24-0.30 kg cement : app. 0.1 kg water.

For filling cracks 1kg material, **CRACKFIX 500**, will produce enough mix to fill 40 linear meter with 4mm width and 4mm depth.

FLOORFIX 600

FLOORFIX 600 is a two component, repairing flooring consisting of hard quartz or marble aggregates (grain thickness 1-3mm, 2-4mm and 2-5 mm or bigger) and polyurethane hard resins.

-Creates a high resistant, granule flooring without joints, not requiring maintenance.
-Suitable for exterior and interior usage, ideal as subfloor for sport floorings and running tracks.
-Resistant to mechanical stresses, wearing from friction and chemical effects.
-Applied in thickness from 5 mm till 100 mm.

Consumption: 20kg/per square meter (1.6 kg hard resin and 18.4 kg aggregates) for 10mm.

SHOCK ABSORBENT SUBFLOOR

ISOPOL 854

Elastic, prefabricated roll made of polyurethane polymers and recycled rubber particles for shock-absorbency, in thickness from 4mm up12mm.

It has excellent shock absorbent and noise reduction properties plus excellent non slip performance and fire resistance.

It can be used as a flexible sub-floor for indoor and outdoor sports flooring.

ISOPOL SBR-EPDM 855

Elastic, prefabricated roll made of polyurethane polymers and recycled rubber particles with **20% EPDM** rubber granules in thickness from 4mm up to12mm.

It has excellent shock absorbent properties and offers noise abatement and has also excellent performance in slip resistance and fire behavior.

It is used mainly as a decorative, sport elastic flooring for indoor and outdoor sports courts and for gyms.

ISOPOL EPDM 856

Elastic, prefabricated roll made of polyurethane polymers and **100% EPDM** rubber granules in thickness from 4mm up to12 mm.

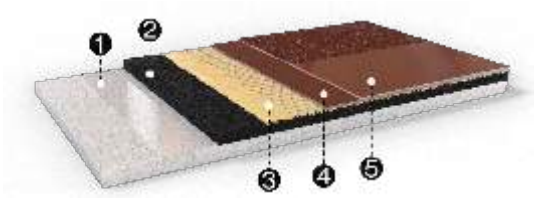
It has excellent shock absorbent properties and offers noise abatement and has also excellent performance in slip resistance and fire behavior.

It is used mainly as a decorative, sport elastic flooring for indoor and outdoor sports courts and for gyms.

POLTRACK EQUINE FLOORING

Synthetic, outdoor equine system in total thickness from 15mm up to 30 mm for horse stalls, barns, paddocks etc.
It consists of a first cushion layer (base layer) which is a mixture of the polyurethane binder **POLAPLAST P13** with **RECYCLED RUBBER 858** in various granulometries (2-4mm, 0.8-2.5mm and SBR dust), mixed and applied at site, followed by a second layer (sealing layer) the polyurethane semi-flexible, pore-sealing material **POLAPLAST P24** on top of the cushion mixture. Then follows the surface layer the full-PU colored polyurethane self-leveling, semi-elastic **POLAPLAST P25** and finally the top coating, the UV-resistant polyurethane aliphatic coating **POLYSPORT 1053** in two layers.
For anti-slip surface, after the application of the full-PU colored polyurethane self-leveling material **POLAPLAST P24** follows a broadcasting of quartz sand 0.1-0.4mm (3-4kg/m²). Then the surface is coated with the UV-resistant polyurethane aliphatic top coating **POLYSPORT 1053**.

Certified system by KIWA-ISA Sport Institute.



Steps:

1. **POLAPLAST P10 -** Special, polyurethane primer. Applied with airless sprayer or brush.
2. **Mixture of POLAPLAST P13 and RECYCLED RUBBER 858** applied with paving machine**.**
3. **POLAPLAST P24 -** Polyurethane sealing layer, with a polyester net. Applied with flat trowel.
4. **POLAPLAST P25 -** Full-PU colored polyurethane self-leveling layer. Applied with V-notch trowel.
5. **POLYSPORT 1053 -** UV-resistant polyurethane aliphatic top coating. Applied with airless sprayer or short haired mohair roller.

Description	Consumption
POLAPLAST P10 - Special, polyurethane primer.	0.3kg/m² for 2 layers
BASE LAYER	
POLAPLAST P13 - Polyurethane binder.	4.8kg/m² for 29mm
RECYCLED RUBBER 858 in granulometry of 2-4mm.	5.6kg/m² for 29mm
RECYCLED RUBBER 858 in granulometry of 0.8-2.5mm.	4.2kg/m² for 29mm
RECYCLED RUBBER 858, SBR dust.	4.2kg/m² for 29mm
SEALING LAYER	
POLAPLAST P24 - Polyurethane sealing layer-pore sealer.	1.3kg/m² for 2 layers
POLYESTER NET	
SURFACE LAYER	
POLAPLAST P25 - Colored, polyurethane self-leveling.	2.3kg/m² for 1 layer
TOP COATING	
POLYSPORT 1053 - PU, top protective, aliphatic coating.	0.25kg/m² for 2 layers

FOOTBALL FIELDS

POLITURF EMERALD 60110

Synthetic turf for stadiums and mini football courts.

Yarn type: Polyethylene monofilament, diamond shape
Pile height: 60mm
Dtex: 11000
Gauge: 5/8''
Stitch: 140/m
Density: 8820/m^2
Weight: 2577gr/m^2

POLITURF TRIUMPH 60100

Synthetic turf for stadiums and mini football courts.

Yarn type: Polyethylene monofilament, triple spine shape
Pile height: 60mm
Dtex: 10000
Gauge: 5/8''
Stitch: 140/m
Density: 8820/m^2
Weight: 2515gr/m^2

POLITURF ROYAL 5588

Synthetic turf for stadiums and mini football courts.

Yarn type: Polyethylene monofilament, stem shape
Pile height: 55mm
Dtex: 8800
Gauge: 5/8''
Stitch: 180/m
Density: 11500/m^2
Weight: 2531gr/m^2

POLITURF GRAND 50100

Synthetic turf for stadiums and mini football courts.

Yarn type: Polyethylene monofilament, triple spine shape
Pile height: 50mm
Dtex: 10000
Gauge: 5/8''
Stitch: 140/m
Density: 8820/m^2
Weight: 2329gr/m^2

ARTIFICIAL GRASS

FOOTBALL FIELDS

POLITURF REGAL 40100

Synthetic turf for stadiums and mini football courts.

Yarn type: Polyethylene monofilament, triple spine shape
Pile height: 40mm
Dtex: 10000
Gauge: 5/8''
Stitch: 140/m
Density: 8820/m^2
Weight: 2143gr/m^2

TENNIS COURTS

POLITURF PRIME 2088

Synthetic turf for tennis courts.

Yarn type: Polyethylene monofilament, fibrilated
Pile height: 20mm
Dtex: 8800
Gauge: 3/8''
Stitch: 200/m
Density: 21000/m^2
Weight: 2284gr/m^2

DECORATIVE - LEISURE AREAS

DECOGRASS ELEGANT 35132

Synthetic turf for landscape projects.

Yarn type: Polyethylene monofilament, spine shape
Pile height: 35mm
Dtex: 13200
Gauge: 3/8''
Stitch: 150/m
Density: 15750/m^2
Weight: 2968gr/m^2

DECOGRASS UNIQUE 3570

Synthetic turf for landscape projects.

Yarn type: Polyethylene monofilament, C shape
Pile height: 35mm
Dtex: 7000
Gauge: 5/16''
Stitch: 110/m
Density: 13860/m^2
Weight: 1925gr/m^2

POLYURETHANE GLUES & TAPES

PU GRASS 149 FOR ARTIFICIAL GRASS

Special, polyurethane, two-component adhesive. Used for jointing the rolls of synthetic artificial turfs. It is used in parallel with polyester seaming tapes.
Certified material by ISA SPORT.

Description	Consumption
PU GRASS 149 - Special, polyurethane adhesive for artificial grass.	200-250gr/m^2

PU FLEX 140 FOR PREFABRICATED ROLLS AND SAFETY TILES

Special, polyurethane, two-component adhesive. It is applied on dry, waterproof, smooth concrete surfaces or fine asphalt. Used for the application of **ISOPOL 854** shock-pad or any other prefabricated shock-absorbent roll made of recycled rubber or **EPDM** and also for the application of safety rubber tiles.

Description	Consumption
PU FLEX 140 - Special, polyurethane adhesive for prefabricated rolls and safety rubber tiles.	1kg/m^2

KDF/PF A17 PVC/VINYL ADHESIVE

Premium adhesive with low consumption. Suitable for PVC/Vinyl homogeneous/heterogeneous, with PVC foam backing, quartz-vinyl tiles, CV coverings, PVC/Vinyl-design coverings, PVC/Vinyl sports floor coverings for area and point elastic constructions.

Description	Consumption
KDF/PF A17 - PVC/Vinyl adhesive.	300gr/m^2

KDF/PF A20 LINOLEUM ADHESIVE

Very low emission dispersion-linoleum adhesive and textile linoleum adhesive for all kind of natural linoleum including sports linoleum.

Description	Consumption
KDF/PF A20 - Linoleum adhesive.	400gr/m^2

POLYURETHANE GLUES & TAPES

KDF/PF A15 CONDUCTIVE CARPET ADHESIVE

Conductive dispersion-based adhesive for floor covering.
Suitable for PVC/Vinyl, linoleum, textile and rubber flooring for hospitals, computer rooms etc. to avoid electrical shocks.
No need to use any conductive primer.

Description	Consumption
KDF/PF A15 - Conductive carpet adhesive.	300gr/m^2

KDF/PF A32 UNIVERSAL ADHESIVE

Universal premium, dispersion-based adhesive for floor coverings for all kind of PVC/Vinyl, linoleum, textile, needle felt punch and rubber flooring (up to 3,5 mm).

Description	Consumption
KDF/PF A32 - Universal adhesive.	300gr/m^2

KDF/PF A065 PARQUET ADHESIVE

Polyurethane, one-component hybrid glue without Isocyanates for multilayer wood flooring and massive planks according to DIN EN 14293.
Can be applied to almost all sublayers without primers.

Description	Consumption
KDF/PF A065 - Parquet adhesive.	1.4 -1.5kg/m^2

SEAMING TAPES

Polyester seaming tapes for jointing the rolls of synthetic turfs with the parallel use of polyurethane glue **PU GRASS 149.**

CERTIFICATES

ISO QUALITY MANAGEMENT

ISO ENVIROMENTAL MANAGEMENT

POLTRACK SPRAYCOAT

POLTRACK SANDWICH

POLTRACK ROLL-SANDWICH

POLTRACK FULL-PU

POLTRACK FULL-PU

POLYFLEX AEL-EX

FLEXFLOOR-EX

CERTIFICATES

SPORTFLOOR-EX

SPORTFLOOR-EX FAST

SPORTGROUND-EX

POLTRACK JOGGING TRACK

POLYFLEX PU

POLYFLEX PU - FIBA

POLYFLEX PU-BADMINTON

EPDM 856

SAFEPOL

CERTIFICATES


LABOSPORT

TEST REPORT

14-0446IT

KATASKEVES DAPEDON LTD

SAFEPOL COLORED 10mm

SHOCK ABSORBING SURFACE

SAFEPOL COLORED


TUV HELLAS

LABORATORY REPORT

SAFEPOL SANDPROOF


LABOSPORT

TEST REPORT

17-0879IT

KATASKEVES DAPEDON LTD

SAFEPOL SANDPROOF 55mm (SBR + PU)

WET POUR LIQUID POLYURETHANE SEALED SYSTEM

SAFEPOL SANDPROOF


LABOSPORT

TEST REPORT

14-0501IT

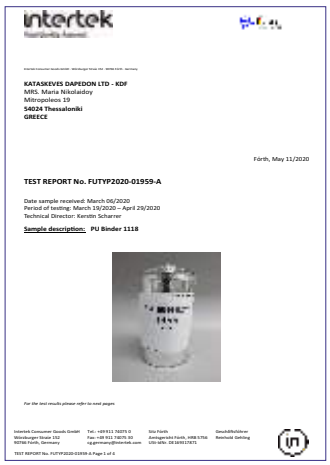
KATASKEVES DAPEDON LTD

PLAYPREM 60+15mm

SHOCK ABSORBING SURFACE

PLAYPREM


POLTRACK EQUINE


intertek

KATASKEVES DAPEDON LTD - KDF
MRS. Maria Nikolaidoy
Mitropoleos 19
54024 Thessaloniki
GREECE

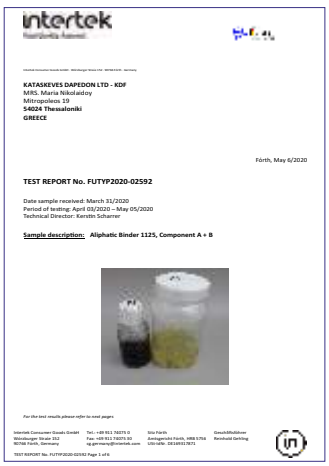
Fürth, May 11/2020

TEST REPORT No. FUTYP2020-01959-A

Date sample received: March 06/2020
Period of testing: March 19/2020 – April 29/2020
Technical Director: Kerstin Scharrer

Sample description: PU Binder 1118

PAH FREE TEST REPORT PU BINDER 1118


intertek

KATASKEVES DAPEDON LTD - KDF
MRS. Maria Nikolaidoy
Mitropoleos 19
54024 Thessaloniki
GREECE

Fürth, May 6/2020

TEST REPORT No. FUTYP2020-02592

Date sample received: March 31/2020
Period of testing: April 03/2020 – May 05/2020
Technical Director: Kerstin Scharrer

Sample description: Aliphatic Binder 1125, Component A + B

PAH FREE TEST REPORT PU BINDER 1125AL


intertek

KATASKEVES DAPEDON LTD - KDF
MRS. Maria Nikolaidoy
Mitropoleos 19
54024 Thessaloniki
GREECE

Fürth, May 12/2020

TEST REPORT No. FUTYP2020-01959-C

Date sample received: March 06/2020
Period of testing: March 19/2020 – April 29/2020
Technical Director: Kerstin Scharrer

Sample description: EPDM Granulates E1, E2, E7, E8, E11, E12, E13, E15, E16, E17, E18, E19, E20

PAH FREE TEST REPORT EPDM 856


intertek

KATASKEVES DAPEDON LTD - KDF
MRS. Maria Nikolaidoy
Mitropoleos 19
54024 Thessaloniki
GREECE

Fürth, May 11/2020

TEST REPORT No. FUTYP2020-01959-B

Date sample received: March 06/2020
Period of testing: March 19/2020 – April 29/2020
Technical Director: Kerstin Scharrer

Sample description: EPDM Granulate E2 + PU Binder 1118

PAH FREE TEST REPORT PU BINDER 1118 plus EPDM 856

CERTIFICATES

PU GRASS 149

POLTRACK SANDWICH EN 14877

POLTRACK SPRAYCOAT EN 14877

COLORFLEX EN 14877