



ADHESIVE COMPONENTS

polyurethane binders and
coating products
for sports surfaces



The **surface** chemistry

POLYURETHANE PRODUCTS MADE BY TOPFLOOR SPORTS INFRA

DESMOTOP for maximum adhesion, elasticity and efficiency

From priming to sealing : **TOPFLOOR SPORTS INFRA** supplies the right polyurethane components for all phases of sports and leisure flooring installation. Our products combine adhesion, elasticity and durability ensuring surfaces that are both technically and visually impressive. From reliable adhesive primers for asphalt and concrete to high-performance binders for EPDM granulate, wear-resistant coatings/spray coatings, sealants, line colours, special adhesives and VOC-free cleaners, **TOPFLOOR SPORTS INFRA** offers a complete

portfolio of components. Our polyurethane range supports all common sports and leisure floor coverings including spray coatings (type A), 1- and 2-layer EPDM loose-fill coverings (type B/C), poured coverings (type D), solid plastic coverings (type E) and EPDM mulch systems. Our 1K and 2K products are optimised for the requirements on the construction site: balanced viscosities and pot lives facilitate application, while MDI-based or combined MDI/TDI formulations ensure high adhesive strength and lasting elasticity. VOC-free

cleaners help to ensure clean tools and efficient workflows. In combination with our premium EPDM granules, this results in durable, resilient and visually uniform surfaces from running tracks and playgrounds to decorative flooring solutions. Thanks to complete system compatibility from a single source, installers benefit from simple logistics, smooth installation and long-lasting, reliable performance. All components, one contact, one result: quality that lasts.



The Surface Chemistry



PRIMER

DESMOTOP-C306

is a solvent free, single-component polyurethane primer. It is designed for the adhesion between asphalt, concrete and elastic layers and between elastic layers (retopping).

Viscosity [mPas] @ 23 °C	550 +/- 50
NCO %	9.5
Density [g/cm³]	1.00
Curing Time [h]	4-6
Packaging	25 kg, 200 kg

DESMOTOP-C307

is a solvent-free, two-component polyurethane primer. It shows an excellent adhesion to concrete and screed. **DESMOTOP-C307** has a very good acid- and alkali resistance. It is possible, but not necessary, to add solvent.

	COMPONENT A	COMPONENT B
Viscosity [mPas] @ 23 °C	850	100
Density [g/cm³]	1.0	1.2
Curing Time [h]	2.00	2.00
Packaging	5 kg	1 KG

ADHESIVE

DESMOTOP C201-A

is a solvent-free, single-component polyurethane-based adhesive. **DESMOTOP C201-A** is used to glue down artificial turf systems. **DESMOTOP C201-A** cures with moisture.

Viscosity [mPas] @ 23 °C	750 +/- 50
NCO %	11.5
Density [g/cm³]	1.07
Curing Time [h]	4-6
Packaging	25 kg, 200 kg

DESMOTOP C201

is a solvent-free, two-component polyurethane-based adhesive. **DESMOTOP C201** is used to adhere backing tapes to artificial turf systems.

	COMPONENT A	COMPONENT B
Consistency	Thick paste	Liquid
Density [g/cm³]	1.70	1.20
Dry Solids Content	100	100
Packaging	9 kg	1 KG



BINDER

DESMOTOP-RR-2008

is a solvent-free, single-component MDI-based polyurethane binder. It cures with moisture and is designed for the production of elastic rubber granule base layers for sports surfaces. It shows an excellent adhesion to SBR and EPDM rubber.

Viscosity [mPas] @ 23 °C	2400 +/- 500
NCO %	10 +/- 0.5
Density [g/cm³]	1.06
Curing Time [h]	9-12
Packaging	25 kg, 200 kg

DESMOTOP-RR-2009

is a solvent-free, single-component MDI-based polyurethane binder. It cures with moisture and is designed for the production of high elastic rubber tiles for sports surfaces. It shows an excellent adhesion and high Elongation to SBR rubber granules.

Viscosity [mPas] @ 23 °C	2200 +/- 500
NCO %	10 +/- 0.5
Density [g/cm³]	1.06
Curing Time [h]	9-12
Packaging	25 kg, 200 kg

DESMOTOP-RR-2011

Isocyanate is a single component, moisture curing MDI based prepolymer suitable for the production of prefabricated molded surfacing using recycled rubber or EPDM granules and can also be used to bind cork granules or mixtures of cork and rubber.

Viscosity [mPas] @ 23 °C	3125 +/- 500
NCO %	10.3
Density [g/cm³]	1.01
Curing Time [h]	6 -10
Packaging	25 kg, 200 kg

DESMOTOP-RR-2012

is a one component, medium viscosity, and solvent free polyurethane binder with a high colour fastness. PC 31-033 is designed to produce elastic fall protection surfaces where light fast properties are required.

Viscosity [mPas] @ 23 °C	3800 +/- 800
NCO %	8.0
Density [g/cm³]	1.01
Curing Time [h]	6 -10
Packaging	25 kg, 200 kg



SI-PU (SELF LEVELING POLYURETHANE)

DESMOTOP-C202

DESMOTOP C202 is solvent free, Polyurethane based, two-Component, Self-leveling coating for Indoor and Outdoor Sports Facilities

	COMPONENT A	COMPONENT B
Viscosity [mPas] @ 23 °C	3000	240
Density [g/cm³]	1.0	1.2
Curing Time [h]	2.00	2.00
Packaging	20 kg	5 KG

DESMOTOP-C203

is elastic solvent free, two-component polyurethane based sealant for indoor and outdoor sports facilities. It has very good filling capacity and thixotropic properties. It provides strong and elastic filling after the work.

	COMPONENT A	COMPONENT B
Viscosity [mPas] @ 23 °C	3000	240
Density [g/cm³]	1.0	1.2
Curing Time [h]	2.00	2.00
Packaging	20 kg	5 KG

DESMOTOP-C204

Is polyurethane, two-component, solvent based, with semi mat, finish aliphatic coating for indoor sports surface. Its applies easily with short- haired air roller and airless sprayer.

	COMPONENT A	COMPONENT B
Viscosity [mPas] @ 23 °C	800	140
Density [g/cm³]	1.0	1.2
Curing Time [h]	1.00	1.00
Packaging	4 kg	1 KG

DESMOTOP-C205

Is polyurethane, two-component, solvent based, with semi mat, finish aliphatic coating for indoor and outdoor sports surface line marking paint. Its applies easily with short- haired air roller and airless sprayer.

	COMPONENT A	COMPONENT B
Viscosity [mPas] @ 23 °C	650	120
Density [g/cm³]	1.0	1.2
Curing Time [h]	1.00	1.00
Packaging	4 kg	1 KG



COATING (Athletic running track system)

DESMOTOP-C301 is a low viscous. Two component Polyurethane spray coating with long term elasticity.meets world athletics Standard, it is environment-friendly, Flexible with high strength. It is used for the application of topfloor running track system DESMOTRACK spraycoat as the spray layer mixed with EPDM rubber granules.

COMPONENT A COMPONENT B

Viscosity [mPas] @ 23 °C	850	140
Density [g/cm³]	1.0	1.2
Curing Time [h]	9 to 12	9 to 12
Packaging	3 kg	1 KG

DESMOTOP-C302 is solvent free, Two-component polyurethane sealant, with good elastic and tensile strength properties.It is a running track material used as a pore filler layer in sandwich running track system providing good force and reduction

COMPONENT A COMPONENT B

Viscosity [mPas] @ 23 °C	65000	240
Density [g/cm³]	1.0	1.2
Curing Time [h]	9 to 12	9 to 12
Packaging	18 kg	2 KG

DESMOTOP-C303 is solvent free, Two-component self -leveling coating with good elastic and tensile strength properties.It is environment friendly, Flexible with high strength.it is a running track material used as a wear coat for sandwich running track system providing good strength.

COMPONENT A COMPONENT B

Viscosity [mPas] @ 23 °C	2500	240
Density [g/cm³]	1.0	1.2
Curing Time [h]	9 to 12	9 to 12
Packaging	4 kg	1 KG

DESMOTOP-C304 Is polyurethane, two-component, solvent based, with semi mat, finish aliphatic coating for outdoor Athletic running track sports surface line marking paint. Its applies easily with short- haired air roller and airless sprayer.

COMPONENT A COMPONENT B

Viscosity [mPas] @ 23 °C	650	120
Density [g/cm³]	1.0	1.2
Curing Time [h]	1.00	1.00
Packaging	4 kg	1 KG



DESMOTOP for Every Sports

◆ **EPDM Rubber Flooring Non-hazardous, fast curing, flexible, solvent free resin for bonding rubber crumb particles.**

USES : • "Wet Pour" safety surfaces Mulch systems

BENEFITS :

• Solvent free • Summer and winter grades • Fast curing • Industry leading for ease of installation • Excellent track record • Ancillary products available e.g. primers, accelerators

◆ **Mulch Surfacing Non-hazardous, fast curing, flexible, solvent free resin for bonding rubber mulch systems.**

USES : • Mulch Systems

BENEFITS :

• Solvent free • Tailored system • for rubber mulch • Low foaming • Fast curing • Minimizes • "drain through" • Ancillary products • Available e.g. Primers, Accelerators and resealers

◆ **Safety Rubber Tiles Non-hazardous, fast curing, flexible, solvent free resin for bonding rubber crumb particles.**

USES : • Playgrounds • Equine Areas • Parade Grounds

• Traffic Calming

BENEFITS :

• Solvent free • Range of Viscosities • Variable curing for • different applications • Industry leading for ease of installation • Excellent Track Record • Ancillary installation • products available e.g. Primers, accelerators and resealers

◆ **Sports Pitch Shock Pads Non-hazardous, slow curing, flexible, solvent free resin for bonding rubber crumb particles.**

USES : • 3G & 4G • Sports Pitches • MUGAs

BENEFITS :

• Solvent free • Slow curing for machine application • Excellent Track Record • Ancillary products • available e.g. primers, accelerators and resealers

◆ **Permeable Pavements Non-hazardous, fast curing, flexible, solvent free resin for bonding rubber crumb and aggregate particles.**

USES : • Cycle Paths • Walkways • Footpaths • Equestrian trails

BENEFITS :

• Correctly installed • complies with current • SUDS (Sustainable Urban Drainage) • Requirements • Low Maintenance • Durable • Cycle and wheel chair friendly • Industry leading for ease of installation May not require planning application May be suitable for installation over existing sub-base

◆ **Sports Structural Spray Two component spray applied elastomeric coating applied with EPDM rubber. Applied to SBR rubber shock pad. Once cured the system cures to form a durable elastomeric, rubberised surface.**

USES : • Athletics tracks • Tennis • Courts • Playgrounds

BENEFITS :

• Porous system • Fast curing • Durable • Quick installation • Anti-slip • Ancillary products available e.g. primers, accelerators and resealers

◆ **Athletic Running Track System A multi component encapsulated sandwich, Spray coat, full PUR system for athletic tracks and multi-use games areas**

USES : • Running tracks • Jogging tracks • Athletics

BENEFITS :

• Non-Porous • system • Fast curing • Durable • Quick installation • Anti-slip • Ancillary products available e.g. Primers, accelerators and resealers

◆ **Indoor Sports Flooring Non-hazardous, slow curing, flexible, solvent free resin for bonding rubber crumb particles.**

USES : • Indoor Gyms • Tennis courts • Multi-sports

BENEFITS :

• Fast curing • Seamless • Durable • High Quality • Playing Surface • Shock Absorbing • Full System - Adhesive, - Pore Sealer, - Wear Coat, - Top Coat



GET IN TOUCH

CORPORATE OFFICE

B-1102, Swati Trinity,
Nr. Applewood Township,
Sardar Patel Ring Road, Shela,
Ahmedabad 380057,
Gujarat, India.

Contact : +91 99786 31811
+91 82005 13097

Email : info@topfloorsportsinfra.com

FACTORY

Survey No. 199, At: Vaghroda,
Nr. Khavad Village,
Kadi-Kalyanpura Road, Ta: Kadi,
Dist: Mahesana 384445,
Gujarat, India.

Contact : +91 99786 31811
+91 82005 13097

Email : info@topfloorsportsinfra.com