

# SPORTGUM

Synthetic cushioning thickness mortar for PRO Line and EVOLUTION Line tennis courts

**Sportgum** is formulated with water based resins and granular aggregates, it is a one-component liquid thickness cushioning product (granulometry 0 – 0,8 mm / 0 – 0.03 in). To be used as a sub-layer to obtain a cushioning effect in the professional tennis courts system of the PRO line (ITF3 certified) and of the EVOLUTION line (ITF2 certified). It can be used both for outdoor and indoor.

## ADVANTAGES

- Easy to apply;
- Excellent adhesion to support;
- Excellent cushioning features;
- High filling capability;
- Excellent capability to absorb the shock;
- Elasticity and durability over the time;
- Applicable to asphalt support without any primer;
- Solvent free product.

## APPLICATION FIELDS

Sub-layer to be used with *Medium Paint* for the realisation of professional sport surfaces of PRO line. The system *Sportgum* + *Medium Paint* is certified ITF3 (International Tennis Federation).

*Sportgum* is used also as sub-layer of professional courts also not professional of the EVOLUTION line with *Sportgum 0.3* and *Soft Paint*.

The product can be applied on asphalt supports without any primer.

It is suitable both for indoor and outdoor.

## YIELD

2,0 l/m<sup>2</sup> for 2 mm of thickness in 2 coats - PRO Line  
(One gallon covers up to 20 sq ft. for 0.08 in. of thickness in 2 coats - PRO Line).

1,0 l/m<sup>2</sup> for 1 mm of thickness in 1 coat - EVOLUTION line

(One gallon covers up to 40 sq ft. for 0.04 in. of thickness in 1 coat - EVOLUTION line).

## COLOUR

Black.

## PACKAGING

25 l plastic bucket;

Pallet: 36 buckets (tot 900 l).

(6.60 gal U.S.) plastic bucket - Pallet: 36 buckets (tot 237.50 gal U.S.).

## STORAGE

Store the product in original and well closed packaging in well ventilated areas, away from sunlight and ice, with temperatures included between +5°C and +35°C (+41°F and +95°F).

Storage time: 24 months.

## PREPARATION OF SUPPORT

- The support must be completely hardened, dry and resistant enough.
- The surface must be thoroughly clean, well consolidated, without debris or detaching parts.
- The surface must be completely leveled and free from standing water.
- Any cracks can be leveled and filled with *Floorgum Filler* (see technical Datasheet).
- Substrate temperature must be between +5°C e +35°C (+41°F and +95°F).

## MIXING

*Sportgum* is one component, ready to use. Mix the product with a professional drill mixer to obtain a homogeneous mixture, if necessary dilute with 10% of water. The water indicated on the packaging is merely indicative. It is possible to obtain more or less fluid mixture depending on the application to do.

Do not add aggregates.



For application video, product page, safety data sheet and other information.

## Smoother – Thick liquid mortars

Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should nevertheless be considered as indicative only and should be confirmed by exhaustive practical applications. Products can be tested in a closed environment (lab) but job specific features of a project can effect the performance of these products from project to project.

# SPORTGUM

Synthetic cushioning thickness mortar for PRO Line and EVOLUTION Line tennis courts

## Technical Data

Features		Unit
<b>Yield</b>	2,0 for 2 mm of thickness – PRO Line ( One gallon covers up to 20 sq ft. for 0.08 in). 1,0 for 1 mm of thickness – EVOLUTION Line ( One gallon covers up to 40 sq ft. for 0.04 in).	l/m <sup>2</sup> (1 gal U.S x ft <sup>2</sup> )
Aspect	paste	-
Colour	black	-
Thickness of application	2,0 (0.08)	mm - in
Dilution	max 10% of water	
Consistency of the mixture	paste	-
Waiting time between the 1 <sup>st</sup> and the 2 <sup>nd</sup> coat (T=20°C (+68°F); R.H. 40%)	4	hours
Application	+5 /+35 (+41/+95)	°C - °F
Drying Time (T=20°C(+68°F); R.H. 40%)	4	hours
Storage	24 months in original containers and dry place	months
Packaging	25 l (6.60 gal U.S.) plastic bucket	l - gal U.S

Final Performances		Units	Regulation	Results
Break Elongation	460,22%	-	ISO 527-1 ASTM D638	-
Tensile Strength	0,43 62.4	N/mm <sup>2</sup> lbf/in <sup>2</sup>	ASTM D2370	-
Permanent deformation with 70% of elongation	2,0	mm	-	-
	0.07	in		
Permanent deformation percentage	8%	-	-	-

\* The above data, even if carried out according to regulated tests are indicative and they may be change when specific site conditions vary.

## LEED® Credits

Standard LEED for New Construction & Major Renovation,  
LEED for Schools, LEED for Core & Shell, v. 2009

Thematic Area	Credit	Point
Materials & Resources	MRc2- Construction Waste Management	from 1 to 2
	MRc4 - Recycled Content	from 1 to 2
	MRc5 – Regional Materials	from 1 to 2
Indoor Environmental Quality	IEQc3.2 - Construction Indoor Air Quality Management Plan—Before Occupancy	1
	IEQc4.1 - Low Emitting Materials - Adhesives and Sealant	1

### Smothers – Thick liquid mortars

Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should nevertheless be considered as indicative only and should be confirmed by exhaustive practical applications. Products can be tested in a closed environment (lab) but job specific features of a project can effect the performance of these products from project to project.

# SPORTGUM

Synthetic cushioning thickness mortar for PRO Line and EVOLUTION Line tennis courts

## PRO LINE – PROFESSIONAL SPORT SYSTEMS - Application

1. Apply a first coat of *Sportgum* with the water squeegee or a short hair roller, by ensuring the full coverage of the surface. In case of rain on the product not perfectly dry, carefully check the suitability for subsequent coating.
2. When the first coat is completely dry, apply a second coat of *Sportgum* until reaching a thickness of about 2 mm (0.08 in).
3. When *Sportgum* is completely dry, apply the coating for sport surfaces *Medium Paint* (see technical Datasheet).

## EVOLUTION LINE – PROFESSIONAL SPORT SYSTEMS - Application

1. When the first coat of *Sportgum* is totally dry apply a second coat until reaching a thickness of about 2 mm (0.08 in).
2. When *Sportgum* is totally dry, apply the coating for outdoor multi-purpose courts *Soft Paint* (see technical data sheet).

## DRYING TIME

At 20°C (+68°F) and 40% of relative humidity level, the product drying time is 4 hours.

- Drying time is influenced by relative humidity level and by temperature and may change significantly

## SUGGESTIONS

- Do not apply at temperatures lower than +5°C (+41°F) or higher than +35°C (+95°F).
- During summer season apply the product during the cooler hours of the day, away from sun.
- Do not apply with imminent threat of rainwater or ice, with strong fog or with relative humidity level higher than 70%.

## CLEANING

Wash tools with water before product hardening.

## SAFETY

During the handling always use personal protective equipment and follow the instructions safety data sheet.

Smoother – Thick liquid mortars

