

SPORTGUM

Synthetic cushioning thickness mortar for 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. 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 *Floorgum Paint* for the realization of sport surfaces.

The product can be applied on asphalt supports. It is suitable both for indoor and outdoor.

YIELD

0,8 l/m² for mm of thickness.

Minimum thickness: 2 mm.

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.
- 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.

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Technical Data

Features		Unit
Yield	0,8 l/m ² for mm of thickness.	l/m ²
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 st and the 2 nd 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
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 ² lbf/in ²	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

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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 *Floorgum Paint* (see technical Datasheet).

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

