

FLOORGUM PAINT

Multi-purpose pedestrian synthetic coating

Monocomponent liquid coating formulated with water- based resins. To use as multipurpose walkable coating, to realize walkable protective coatings over waterproofing liquid system.

The product is also suitable to realize multi-purpose playing surfaces, cycling paths, boundaries of pedestrian areas and non-slip coatings. Resistant to weather occurrences, waterlogging, changes in temperature, UV rays and wear.

BENEFITS

- Easy application
- Increased comfort and flexibility
- Resistant to weathering occurrences, UV rays, brackish and salt in general
- It does not turn yellow
- It realizes a walkable and anti-slippery coating at low thickness
- Unaffected by temperature swings from -30°C to +40°C
- No maintenance required
- High elasticity
- Cycling
- It increases durability of asphalt pavements
- It can be applied to finish waterproofing systems based on synthetic resins
- It can be tiled or coated

APPLICATION FIELDS

The product is suitable for:

- cycle tracks (Italian ANAS certificate);
- to coat concrete and asphalt surfaces of sporting facilities (tennis courts, basketball and five-a-side soccer pitches);
- to coat concrete or asphalt surfaces to make them walkable and non-slip.

It can be used as adhesive primer over old bituminous membrane completely oxidized.

YIELD

kg/m² 1,2.

COLOUR

Red, green, gray, sandy.

On request we can create custom colours.

PACKAGING

25 Kg plastic bucket.

Pallet: n° 36 bucket, 25 kg each (tot 900 kg).

STORAGE

Store the product in well ventilated areas, away from sunlight and ice, at temperatures between +5°C and +35°C.

Storage time 24 months.

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Technical Data		
Features		Units
Yield	1,2	kg/m ²
Aspect	Semi-dense	-
Colour	Red, green, gray, sandy. On request we can create custom colours.	-
Dilution	10%	-
Mixture consistency	Semi-dense	-
Waiting time between 1° and 2° application (T=20°C; R.H. 40%)	10	hours
Application temperature	+10/+35	°C
Drying time (T=20°C; R.H. 40%)	10	hours
Working time	-30/+40	°C
Storage	24 months in original container and in dry places	months
Packaging	25 kg plastic bucket	kg
Hazard classification	Non dangerous product. For the handling, see product safety sheet.	-

Final performances		Units	Regulations	Results
Resistance to abrasion	8,000 rubber wheel turns with a load of 6,400 kg/m ² 16 g/m ² weight loss	-	UNI 9115	Resistant
Resistance to weathering test	2000	hours	Internal method	Resistant
UV-rays resistance	1000	hours	Internal method	Resistant
Resistance after 50 freeze-thaw cycles (-15°C +15°C)	Unchanged	-	UNI EN 202	Unchanged
Hydrocarbons resistance	No defect at the end of the test	-	ANAS certificate	Excellent
Diesel oil resistance	No defect at the end of the test	-	ANAS certificate	Excellent
Lubricant oils resistance	No defect at the end of the test	-	ANAS certificate	Excellent
Salts resistance (saturated CaCl ₂ and NaCl)	No defect at the end of the test	-	ANAS certificate	Excellent
Slip resistance	μ = 1,127; level 3	-	UNI 8272 parte 11°	Resistant
Pendulum sliding friction resistance	PTV = 66	-	ANAS certificate	Resistant
Adhesion over <i>Sportgum</i> (Adhesion Tester PULL OFF)	> 7	MPa	ISO4624	Excellent
Adhesion over <i>Floorgum Anthracite</i> (Adhesion Tester PULL OFF)	> 7	MPa	ISO4624	Excellent
Adhesion onto <i>Acriflex Winter</i> (Adhesion Tester PULL OFF)	> 7	MPa	ISO4624	Excellent
Bending resistance	17	daN	UNI 559/62	-
Vapour permeability (μ)	29	-	Internal method	Medium breathability

Coatings – Acrylics

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. Therefore, before using this product, we recommend in any case to perform preliminary tests with the purpose of verifying the complete suitability for the intended use. In case of uncertainties and doubts contact our technical office. This sheet supersedes any other previously released.

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SUPPORT PREPARATION

- The support must be perfectly hardened, dry and resistant.
- The surface must be thoroughly clean, well consolidated and without debris or detaching parts.
- The surface must not present waterlogging and eventual depressions can be levelled with *Floorgum Anthracite* (see technical data sheet).
- Support temperature must be comprised between +5°C and +35°C.
- In case of new cement substrate, this must be completely dry.
- If the support is damaged, apply a first coat of *Floorgum Filler* (see technical data sheet).

MIXING

The product is ready to use. If necessary dilute the product with 10% water and perfectly mix until obtaining a homogeneous mixture. Use a professional mixer. The water indicated on the packaging is indicative. It is possible to obtain a more or less fluid mixture depending on the needed application. Do not add antifrost products, cement or inerts.

DIASEN SPORT FLOORING SYSTEMS APPLICATION

1. Before applying *Floorgum Paint* the surface must be treated with *Grip Primer* as a steam barrier (apply 2 coats of product for at least 600 g/m², see technical data sheet), if in presence of concrete substrate. *Grip Primer* is not required if the substrate is asphalt.
2. When the primer is completely dry (24 hours), apply *Floorgum Anthracite* or *Sportgum* by water squeegee, to completely cover the surface. In case of rain over non perfect dry product, carefully verify the suitability of the next coating.
3. After about 3 hours, when *Floorgum Anthracite* or *Sportgum* is completely dry, apply two coats of *Floorgum Paint* by roll, water squeegee or airless. Wait maximum 24 hours between the two applications.
4. Once *Floorgum Paint* is completely dry (10 hours), for the demarcation of boundary lines it is possible to use a synthetic paint (see *Colorflex*).

For the creation of pedestrian areas (in combination with *Acriflex Winter* waterproofing system) will be sufficient to apply just *Floorgum Paint*.

DRYING TIME

At 20°C and 40% of relative humidity level, the product drying time is 10 hours.

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

SUGGESTIONS

- Do not apply at temperatures lower than +10°C and higher than +35°C.
- During summer season apply 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%.
- Do not use over flexible surfaces.
- Wash tools with water before hardening.

SAFETY

For the handling, see product safety sheet.