



MAXFLOOR[®]

SPORT -F

ACRYLIC-EPOXY COATING IN EMULSION FOR FINISHING OF MAXFLOOR SPORT SYSTEM

DESCRIPTION

MAXFLOOR[®] SPORT -F is a two-component multipurpose acrylic-epoxy coating for finishing of anti-slip sports systems and painting of concrete and asphalt pavements.

APPLICATIONS

- Decorative finish and protection of any surface, indoors or outdoors, horizontal or vertical concrete, asphalt, brick and masonry.
- Anti-slip monolayer finishing for leisure areas, sport areas and low speed vehicle traffic areas (parking lots).
- Coating on porous concrete, both in new construction as in rehabilitation.
- Coating of concrete walls in paddle courts.

ADVANTAGES

- High covering properties.
- Good resistance to weathering and UV rays, no yellowing.
- Good resistance to abrasion by pedestrian traffic and occasionally car traffic.
- Ready to use and easy application by brush, roller or air-less spray.
- Available in a wide range of colours.
- Environmentally friendly: water-based and solvent-free. Non-toxic and non-flammable.
- Good adhesion, even on little porous surfaces.

APPLICATION INSTRUCTIONS

Surface preparation

Substrate must be structurally sound, firm, without cement laitance and as uniform as possible. All small voids, holes, honeycombs, cavities, once opened must be repaired with **MAXROAD[®]** (Technical Bulletin No. 27).

For the preparation of the concrete to make a dry surface grinding to remove slurry and achieve open textured surface by polishing industry equipped with grinding disc and vacuum,

performing roughing passes in two crossed 90°, hewn a small and uniform thickness on each a. Finally, vacuum the dust and loose particles.

The surface must be clean, free of dust, earlier paintings, efflorescence, salts, fats, oils, release agents, curing agents, etc., or other substances that could affect adhesion.

Substrate could be wet but without puddles. There should not exist raising dampness,

Expansion joints or cracks subject to movements, once opened up and clean, should be treated with a suitable elastomeric sealant from **MAXFLEX[®]** range.

Mixing

MAXFLOOR[®] SPORT -F must be mixed both components before its application by slow speed electric drill for at least 3 minutes until achieving a homogenous product in colour and appearance.

Application

Apply **MAXFLOOR[®] SPORT -F** by brush, short hair roller or air-less gun. For application by air-less gun, **MAXFLOOR[®] SPORT -F** can be diluted with the minimum amount of water which allows its spraying (approximately 20%).

Apply one or two coats of **MAXFLOOR[®] SPORT -F**, depending on the expected traffic, with a consumption of 0,2-0,3 kg/m² per coat, allowing a curing time between coats of about 4 to 6 hours at 20°C.

Application conditions

Do not apply when rainfall, contact with water, condensation, dampness and dew is expected within the first 24 h.

Optimum application temperature is from 10°C to 30°C. Do not apply when substrate and/or ambient temperature is below 5°C, or when are expected to fall within the first 24 h. Do not apply to frozen or frost-covered surfaces. At temperature above 30°C, protect the application from direct sunlight.

Ambient and surface temperature must be at least 3°C higher than dew point. Do not apply with R.H. higher than 90%. Measure the relative humidity and dew point before applying the product in proximities of marine environment.

With low temperatures and/or higher humidity levels, use dry and warm air in order to get the suitable conditions, such as with an electric powered air blower system.

Curing

Allow **MAXFLOOR® SPORT -F** to cure at least 24 hours for pedestrian traffic at 20°C and 50% R.H. Applications at lower temperatures, higher humidity and/or poor ventilation require longer curing time.

Cleaning

All tools and equipments must be cleaned immediately with water after use. Once product cures, this can only be removed by mechanical means.

CONSUMPTION

Estimated consumption of **MAXFLOOR® SPORT -F** is 0,2-0,3 kg/m² per coat. It can be diluted up to 20% with water to improve its application and dosage.

These figures are for guidance only and may vary depending on porosity, texture, substrate conditions and application method. Perform a preliminary test on job-site to ascertain the total consumption exactly.

IMPORTANT INDICATIONS

- Do not apply on substrates subject to rising damp or negative water pressure.
- Allow enough time to dry the substrate after rain, contact with water, damp, dew, condensation, etc, as well as after cleaning surface. If moisture is trapped behind the coating, a white film may be developed.

- Do not apply on surfaces with permanent contact of water.
- Allow new concrete and cement mortars to cure 28 days before coating.
- Do not add solvents, thinners or other non-specified compounds and nor exceed the recommended ratio of dilution with water.
- Keep the recommended consumptions per coat.
- For other uses not specified on this Technical Bulletin or further information, consult the Technical Department.

PACKAGING

MAXFLOOR® SPORT -F is supplied in pre-weighed set of 25 kg. It is available in grey, red, green, black, ochre yellow and blue.

STORAGE

Twelve months in its unopened and undamaged original packaging. Store in a cool, dry and covered place, protected from moisture, freezing and direct sunlight, at temperatures from 5°C to 35°C

SAFETY AND HEALTH

MAXFLOOR® SPORT -F is not a toxic product but skin and eye contact must be avoided. Use rubber gloves and safety goggles when applying. In case of skin contact, wash affected area with soap and water. In case of eye contact, rinse immediately thoroughly with clean water but do not rub. If the irritation persists, seek medical assistance

Consult the Material Safety Data Sheet for **MAXFLOOR® SPORT -F**.

Disposal of the product and its empty packaging should be carried out according to the current official regulations and it is the responsibility of the final user of the product.

TECHNICAL DATA

Product characteristics	
Appearance and colour A+B	Homogeneous pigmented liquid
Density at 20°C, (g/cm ³)	1,25-1,35
Solids content, (%)	>60
Particle size, (µm)	<100
Viscosity Brookfield RVT at 20°C, (cps)	>2.500
Application and curing conditions	
Application temperature / Relative humidity, (°C / %)	10-30 / <90
Tack free drying time at 20°C & 50% R.H., (h)	2
Drying time between coats at 20°C & 50% R.H., (h)	4-6
Total curing time at 20°C & 50% R.H., (h)	24
Cured product characteristics	
Wet rub resistance RAH, DIN 53778, (cycles)	>50.000
Colour appearance before 1.000 h exposal, QUV	ΔE <2
Taber abrasion resistance (lose of weight in grams)	
- Dry Taber factor - Grinding CS-17, load 1000 g, 1000 cycles	0,15
- Wet Taber factor - Grinding CS-17, load 500 g, 1000 cycles	1,50
Slip/Skid resistance - TRRL Pendulum	
Dry measure	>75
Wet measure	>60
Consumption*	
Consumption per coat, (kg/m ²)	0,2-0,3

* These figures are for guidance only and may vary depending on porosity, texture and conditions for substrate, and application method. Perform a preliminary test on-site to ascertain the total consumption exactly under jobsite conditions

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®**, **S.A.U.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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