



# MAXFLOOR<sup>®</sup>

## SPORT -PA

### SYNTHETIC MORTAR FOR ADHESION LAYERS OVER ASPHALT PAVEMENTS

#### DESCRIPTION

**MAXFLOOR<sup>®</sup> SPORT -PA** is a one-component synthetic thick mortar composed of 0,3, 0,4, 0,6, 0,7 or 1,0 mm aggregate suitable for adhesion layers over asphalt pavements. It's mainly applied in systems over asphalt pavement and allows patching and adjusting the planimetry to required aggregate size for an easy application and an efficient consumption of the successive coloured layers which form the system.

#### APPLICATIONS

- Adhesion layer over asphalt pavement for **MAXFLOOR<sup>®</sup> SPORT SYSTEM**, in recreation, sport and parking areas.
- Protection and coloured of all types of surfaces, indoor or outdoor over asphalt pavement.
- Available in four versions, depending on maximum aggregate size:
  - **MAXFLOOR<sup>®</sup> SPORT -PA 10** with 1,0 mm maximum aggregate size.
  - **MAXFLOOR<sup>®</sup> SPORT -PA 7** with 0,7 mm maximum aggregate size.
  - **MAXFLOOR<sup>®</sup> SPORT -PA 6** with 0,6 mm maximum aggregate size.
  - **MAXFLOOR<sup>®</sup> SPORT -PA 4** with 0,4 mm maximum aggregate size.
  - **MAXFLOOR<sup>®</sup> SPORT -PA 3** with 0,3 mm maximum aggregate size.

#### ADVANTAGES

- Very high covering properties.
- Excellent adhesion over asphalt pavements, with different porosities.
- Ready to use, and easy application by squeegee. No special primer is required.
- Environmentally friendly: water-based and solvent-free product. Non-toxic and non-flammable.

#### 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<sup>®</sup>** (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<sup>®</sup>** range.

##### Application

**MAXFLOOR<sup>®</sup> SPORT -PA** is supplied ready to use. Before application, stir the content of the packaging with a clean tool or preferably by mechanical means such as a slow speed electric drill (300-400 rpm) fitted with a disc mixer, until achieving a homogeneous product in colour and appearance.

Apply one single layer of **MAXFLOOR<sup>®</sup> SPORT -PA** by squeegee with a consumption of 0,6-0,8 kg/m<sup>2</sup> for **-PA 3**, 0,8-1,0 kg/m<sup>2</sup> for **-PA 4**, 0,8-1,2 kg/m<sup>2</sup> for **-PA 6**, 1,0-1,5 kg/m<sup>2</sup> for **-PA 7**, and 1,5-2,0 kg/m<sup>2</sup> for **-PA 10**.

On very porous substrates, it could be necessary to apply a first layer diluted up to 10% of clean water.

If a second coat is required, allow a curing time of about 12 and 24 hours between coats. If it would happen or the surface had been in contact with water or other substances, proceed to sand slightly the surface before applying a new layer.

## 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.

On asphalt pavements and old coatings, a previous and exhaustive cleaning with high-pressure water must be made to ensure that there are no foreign elements, free elements, etc.

## Curing

Allow **MAXFLOOR® SPORT -PA** to cure from 12 to 24 hours between coats and at least 24 hours for total curing or finishing with other coatings, at 20°C and 50% R.H. Applications at lower temperatures and/or higher humidity 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

The estimated consumption is:

- **MAXFLOOR® SPORT -PA 10**: 1,5-2,0 kg/m<sup>2</sup>
- **MAXFLOOR® SPORT -PA 7**: 1,0-1,5 kg/m<sup>2</sup>
- **MAXFLOOR® SPORT -PA 6**: 0,8-1,2 kg/m<sup>2</sup>
- **MAXFLOOR® SPORT -PA 4**: 0,8-1,0 kg/m<sup>2</sup>
- **MAXFLOOR® SPORT -PA 3**: 0,6-0,8 kg/m<sup>2</sup>

The consumption 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.
- Do not apply on surfaces with permanent contact of water.
- Allow new asphalt pavements to cure 28 days before coating.
- Do not add solvents, thinners or other non-specified compounds.
- 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 -PA** is supplied in 30 kg drum. It is available in grey, white, red, yellow, green, blue and ochre.

## 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 -PA** 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 -PA**.

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	Homogeneous pigmented liquid
Density at 20°C, (g/cm <sup>3</sup> )	1,5-1,6
Maximum aggregate size, (mm)	-PA 10: 1,0 mm
	-PA 7: 0,7 mm
	-PA 6: 0,6 mm
	-PA 4: 0,4 mm
Flash point	-PA 3: 0,3 mm
	Non flammable
Viscosity Brookfield RVT at 20°C, (cps)	>2.500
Application and curing conditions	
Application temperature / Relative humidity, (°C / %)	>10 / <50
Drying time between coats at 20°C & 50% R.H. (h)	12-24
Total curing time or finishing with other coatings at 20°C & 50% R.H., (h)	24
Cured product characteristics	
Appearance	Matt pigmented slurry
Abrasion TABER CS-17, 1000 cycles, P=1000 g.	<0,5
Consumption per coat, (kg/m <sup>2</sup> )	-PA 10: 1,5-2,0
	-PA 7: 1,0-1,5
	-PA 6: 0,8-1,2
	-PA 4: 0,8-1,0
	-PA 3: 0,6-0,8

\* 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.