

FLOORSPORTS MASTIC
Updated Nov'22

FLOORSPORTS MASTIC is two component cementitious bitumen coating, which designed as primer and intermediate layer of sports floor system, as decorative and protection coating for asphalt and concrete surface. It provides a tough durable coating, excellent traction with bounce property and uniform non-slip finishing. Ideal for tennis court, volleyball courts, netball courts, or other sports floor which tough and flexibility property are required.

Product Features:

- Uniform non-slip finishing
- Durable coating, excellent traction with bounce property
- Fast Dry
- Low odor & VOC
- Excellent adhesion strength to concrete and asphalt surface

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water based	Interior & Exterior	Matt	Concrete & Asphalt	Part A – 18kg Part B – 21kg

Technical Data

Solid Content	: 64 ±2%
Number of components	: 2 components
Shelf Life	: 12 months
Storage	: Store in unopened, undamaged original container, protected from direct sunlight, at temperature between 5°C to 30°C.

Primer

Recommended thickness	: 100um
Consumption	: 0.30kg/m ² @100um
Dilution	: 20% dilution with water
Number of coats	: 1 coat
Curing Time (ventilated area)	: 6-12 hours

Mastic Intermediate layer

Recommended thickness	: 2mm-3mm
Consumption	: 1.40kg/m ² @1mm
Number of coats	: 1-2 coats
Curing Time (ventilated area)	: 8-14 hours

Application Method

Surface Preparation	: Substrate concrete or screed should be a minimum of compressive strength 25N/mm ² and adhesive pull-off strength of minimum 1.5N/mm ² . The substrate should be clean and free from laitance, oil, dust, loose constituents, paint residues, chemicals, algae and other contamination. The substrate should be dry and free from ground water pressure. Cracks and hollows should be properly remedied.
Mixing	: Stir Part A mechanically for 30 seconds, add in Part B and stir for another 2 minutes to achieve homogenous mixture.
Application	: For priming, spread the mixed materials with trowel or roller, on the prepared concrete or asphalt surface. For mastic layer, spread the mixed materials to the require thickness with steel trowel, on the primed surface.
Cleaning	: Clean up equipment with water immediately after use.

Recommended Coating System
Concrete & Asphalt Surface

Primer	: FLOORSports MASTIC (20% Dilution with Water)	: 1 coat
Intermediate	: FLOORSports MASTIC	: 1-2 coats (2-3mm)
Finish	: FLOORSports 1K EPOXY HYBRID	: 2 coats

Environmental Condition During Application

- Do not apply when the relative humidity exceeds 90%.
- Surface to be coated less than 5% above the dew point.
- Do not apply temperature below 5°C and temperatures above 40°C.

Safety Precautions

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.

Note

FLOORSports MASTIC SYSTEM will not solve the problem of expansion and contraction cracking. Cracks develop whenever the intense stress exerted by floor movement exceeds the strength of the flexible coating. It is common when hairline cracks develop over the time.

*Theoretical Coverage is based on a mathematical formula

$$\left[\frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$$

and does not consider LOSS FACTORS.

Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

The above information is given to the best of our knowledge based on laboratory tests and practical experience.

However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.

We reserve the right to alter the given without prior notice.