

# Expanfloor\* Sports

## Acrylic floor coating for sports floors

### Uses

To provide a sealing and abrasion resistant coat on cementitious floors, a dustproof and more easily cleaned surface with resistance to the penetration of various liquids. Ideal for tennis, badminton, basketball, volleyball floors, can also be used for other sports floors, also suitable for indoor car parks and light industrial buildings.

### Advantages

- Simple brush, roller or spray application
- Prevents dusting by sealing the surface
- Durable finish offers good resistance to abrasion
- Excellent UV resistant
- Cures and seals the floor in a single operation

### Standards compliance

Expanfloor\* Sports complies with ASTM C309.

### Description

Expanfloor\* Sports single component, penetrating synthetic acrylic coating has excellent adhesion to cementitious surfaces and, when cured, forms a semi-gloss flexible film. It is supplied ready for use direct from the can and is available in a range of colours.

### Specification

#### Floor sealing coat

The floor sealer shall be Expanfloor\* Sports, a single component, acrylic floor sealer. The sealer shall be applied in a minimum of two coats at a coverage rate of between 4 and 8 m<sup>2</sup> per liter per coat.

### Technical support

Fospak Expanchem offers a comprehensive range of high performance, high quality flooring, jointing and repair products for both new and existing floor surfaces. In addition, the company offers a technical support service to specifiers, end users and contractors. It is also able to offer on-site technical assistance, an AutoCAD facility and dedicated specification assistance in locations all over the world.

### Design criteria

Expanfloor\* Sports is designed for application in two to three coats.

### Properties

The values given below are average figures achieved in laboratory tests. Actual values attained on site may show minor variations from those quoted.

#### Physical properties at 20°C

<b>Time between coats</b>	: 2 hours minimum
<b>Initial hardness</b>	: 6 hours

### Chemical properties

Expanfloor\* Sports is resistant to a range of chemicals. For further information, contact the local Fospak Expanchem office.

Good housekeeping is essential for the durability of floor coating.

### Instructions for use

#### Preparation

##### *New concrete floors*

The product can be applied by brush, roller or spray, surface to be coated shall be free from any form of foreign material which might effect in adhesion, Expanfloor\* Sports requires no special preparation before application on new concrete floors.

##### *Old concrete floors*

A sound, clean substrate is essential to achieve maximum adhesion. Dry removal of laitance by use of mechanical methods is preferable. Oil and grease penetration should be removed by the use of a proprietary chemical degreaser or by hot compressed air treatment. Any damaged areas should be repaired using one of the Expanmortar range products.

### Application

Expanfloor\* Sports can be applied by brush, roller or spray. A continuous coating of uniform thickness should be achieved. A minimum of two coats are recommended. Allow at least two hours drying time between coats, number of coats can be increase depending on usage of floor, consult our technical staff for assistance.

## Cleaning

Expanfloor\* Sports\* should be removed from tools and equipment using Expanchem Solvent 102\* immediately after use.

## Maintenance

The service life of a floor can be considerably extended by good housekeeping practices. Regular cleaning of Expanfloor\* Sports\* may be carried out using a rotary scrubbing machine with a water miscible cleaning agent, or by hot water washing at temperatures up to 50°C.

## Limitations

The durability of Expanfloor\* Sports is reduced in areas of very heavy foot traffic such as around work benches, drinks machines, doorways etc. It is advisable to either:

- Specify additional coats in such areas or
- Specify a higher build system such as Expanfloor FC145 or Expanfloor FC150\* in such areas.

Expanfloor\* Sports is not suitable for use in areas where hydrocarbon or solvent spillage is likely to occur.

## Estimating

### Supply

Expanfloor* Sports	: 30 liter tin
Expanchem Solvent 102	: 5 liter cans

### Coverage

Expanfloor* Sports*	: 4 - 8 m <sup>2</sup> / liter / coat
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**Note:** The coverage figures given are theoretical – due to wastage factors and the variety and nature of possible substrates, practical coverage figures will be reduced.

## Storage

When stored in dry conditions between 10°C and 30°C, away from sources of heat and naked flames, in the original unopened packs, Expanfloor\* Sports has a shelf life of 12 months. If stored at high temperatures the shelf life will be reduced. Expanfloor\* Sports should be protected from frost.

## Precautions

### Health and safety

Expanfloor\* Sports and Expanchem Solvent 102 should not come in contact with skin and eyes, or be swallowed. Avoid inhalation of vapor / spray. Use only in well ventilated areas. If working in confined areas, suitable respiratory protective equipment must be worn. Wear suitable protective clothing, gloves and eye/face protection. Barrier creams provide additional skin protection. Should accidental skin contact occur, remove with a suitable skin cleanser, followed by washing with soap and water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – **do not** induce vomiting.

### Fire

Expanfloor\* Sports and Expanchem Solvent 102 are flammable. Store in accordance with national and local fire prevention regulations. Keep away from sources of ignition. No smoking. In the event of fire, extinguish with CO<sup>2</sup> or foam. Do not use a water jet.

### Flash points

Expanfloor* Sports	: 60°C
Expanchem Solvent 102	: 50°C

### Disposal

Spillages of component products should be absorbed onto earth, sand or other inert material and transferred to a suitable vessel. Disposal of such spillages or empty packaging should be in accordance with local waste disposal regulations. For further information, refer to the Product Safety Data Sheet.

\*Denotes the trademark of Fospak (Pvt) Ltd.

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