

# Material Safety Data Sheet

## Floor Planks

### 1. Identification of product:

**1.1** Precast, pre- stressed concrete Block and Plank Floor Element. The planks are 160 mm wide and 60 mm deep with a special concrete block infill between planks at 570 mm centres by various lengths.

### 1.2 Name of Company:

Flood Flooring Ltd.

Phone:

049 – 8541477

### 1.3 Application

Use of precast floor planks should be in accordance with the relevant National and European codes of practice.

### 2. Composition of ingredients

Precast floor planks are a mixture of natural aggregates, cement, water and steel reinforcements.

Admixtures may be added to modify the properties of the concrete used in the manufacture of the floor planks.

### 3. Hazard identification.

**3.1** Concrete precast floor planks are abrasive

**3.2** Floor planks are products of long size and weigh from 25 kg per linear metre and should be handled accordingly.

**3.3** The strength of the concrete in the floor beam must have achieved its specified design strength before It is subjective to construction or service loading.  
If in any doubt check directly with the manufacturer.

**3.4** Cutting / Altering of floor planks may cause structural failure / collapse of the floor slab.

Cutting / Altering of the beam is not permitted without written approval from the manufacturer.

**3.5** Cutting or hammering floor planks can cause dust and if inhaled in excessive quantities over extended periods, respirable dust can constitute a long-term hazard. Cutting, drilling or hammering floor slabs unless adequately controlled can project particles at high velocity with consequent risk of impact damage and or injury to exposed areas of the body and eyes.

When cutting use equipment suitable for concrete and steel in accordance with tool manufacturers instructions!

**3.6** Projections from precast floor planks can cause serious injury.

**3.7** Overloading of the floor during construction or service may cause failure of the floors.  
Loads should not exceed design loads stated on drawings. If in doubt check with the manufacturer.

**3.8** The temporary or permanent support of the floor slabs must be protected against Impact Damage

**3.9** Props / walls / structural frames supporting precast floor planks must not be altered in any way where it might undermine / cause failure of the floors support.

# Material Safety Data Sheet

## Floor Planks

### 4. **First aid measures**

#### 4.1 **First Aid Treatment is as follows.**

##### **EYE CONTACT .**

Immediately rinse under running water and seek medical assistance.

##### **CUTS**

Cuts, abrasions from the concrete floors should be cleaned and treated using the normal first aid method. Wounds must receive prompt medical attention.

In all cases of doubt or where symptoms persist medical advice must be obtained.

### 5.

#### 5.1 **Fire fighting measures**

Non- applicable

### 6. **Accidental Release Measures**

6.1 Avoid contact with skin

6.2 Tidy up debris from broken floor beams

### 7. **Handling and Storage**

7.1 Protect skin when handling floor beams

7.2 Use suitable handling and transport equipment when handling floor beams.

7.3 Always follow safe lifting and manual handling programs.

7.4 Confirm magnitude of load/weight before lifting or handling (refer to manufacturer's drawings and details)

7.5 Ensure all crane work and associated lifting tackle complies with the approved crane operating procedures.

7.6 When connecting lifting tackle to the slabs correct lifting attachments (at the specified lifting point) must be used.

7.7 Floor beams while being handled are prone to erratic and unpredictable movement. Use only lifting points noted on the erection / handling diagram on the drawings. Ensure lifting tackle e.g.

Chains are adjusted to the correct length to ensure a stable balanced lift.

Ensure structural capacities are adequacy of props / walls / structural frame when placing and erecting floor beams.

7.8 Where propping is required it must be adequate and must be inspected by the customer at intervals as set out in the legislation.

### 8.0 **Exposure Controls— Personal Protection.**

#### 8.1 **Hand protection**

Wear suitable protective gloves.

#### 8.2 **Skin Protection**

Avoid contact with skin.

#### 8.3 **Eye Protection.**

Avoid contact with eyes

#### 8.4 **Masks**

Wear appropriate respiratory protection when having to cut floor planks or do any drilling.

#### 8.5 **Footwear**

Wear footwear with protective toe caps when working with concrete planks

### 9. **Physical & Chemical Properties**

Concrete planks are usually grey in colour. The product is abrasive.

### 10. **Stability & Reactivity**

Ensure integrity and stability whilst stored on site.

### 11. **Toxicological Information**

Not applicable.

### 12. **Ecological Information**

Concrete planks have no ecological effects.

### 13. **Disposal Considerations**

Concrete planks may be recycled or placed in approved landfill.

### 14. **Transport Information**

Ensure security and safety of load at all times.

### 15. **Regulatory Information**

Not applicable.

### 16. **Other Information**

None.

### Disclaimer

This Material Safety Data Sheet has been prepared by Flood Flooring Ltd. Every care has been taken to ensure that the information contained herein is correct and accurate at the date of publication. However, Flood Flooring cannot accept any responsibility or liability for any errors, inaccuracies or omissions which may have occurred inadvertently.