



## FLOOD FLOORING LTD.

HILLTOWN  
OLDCASTLE  
CO. MEATH

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# Material Safety Data Sheet

## Precast Concrete Balconies

### 1. Identification of product:

1.1 Precast concrete balconies for use in building structures.

### 1.2 Name of Company:

Flood Flooring Ltd.  
Phone:  
049 – 8541477

### 1.3 Application

Use of precast Concrete balconies should be in accordance with the relevant National / European codes of practice.

### 2. Composition of ingredients

Precast concrete balconies are a mixture of natural aggregates, cement, water, steel reinforcement and components. Admixtures may be added to modify the properties of the concrete used in the manufacture of the concrete balconies.

### 3. Hazard identification.

3.1 Concrete precast balconies are abrasive

3.2 Balconies are products of significant size and weight typically ranging from 0.5 tonnes to over 7.0 tonnes depending on dimensions and should be handled accordingly.

3.3 The strength of the concrete in the balconies must have achieved its specified design strength before it is subjected to construction or service loading. If in any doubt check directly with the manufacturer.

3.4 Cutting / Altering of concrete balconies may cause structural failure / collapse of the floor slab. Cutting / Altering of the balconies is not permitted without written approval from the manufacturer.

3.5 Cutting or hammering concrete balconies can cause dust and if inhaled in excessive quantities over extended periods, Respirable dust can constitute a long-term hazard. Cutting, drilling or hammering concrete balconies 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 Projecting steel from precast concrete balconies can cause serious injury.

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

3.8 The temporary or permanent support of the concrete balconies must be protected against Impact Damage

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

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### 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 balconies 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 concrete balconies

### 7 Handling and Storage

7.1 Protect skin when handling concrete balconies.

7.2 Use suitable handling and transport equipment when handling concrete balconies.

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 Concrete balconies 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 adequacy of props /walls / structural frame when placing and erecting precast concrete balconies.

7.8 Temporary propping is required and must be adequate to carry the Load as indicated on manufacturers drawing and must be inspected by the customer at intervals as set out in the legislation.

### 8. 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 balcony plate or do any drilling.

#### 8.5 Footwear

Wear footwear with protective toecaps when working with concrete

### 9 Physical & Chemical Properties

Concrete balconies 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 precast balconies have no ecological effects.

### 13 Disposal Considerations

Precast concrete balconies 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.