

1. Identification of product:

1.1 Pre-cast, reinforced concrete wall panels used as structural walls or cladding walls. Wall Elements Generally 100 mm to 250 mm deep and up to 3500 mm wide by various lengths.

1.2 Name of Company:

Flood Flooring Ltd.

Phone: 049 – 8541477

1.3 Application

Use of Precast concrete wall panels should be in accordance with the relevant National and European codes of practice.

2. Composition of ingredients

Precast Concrete wall panels are a mixture of natural aggregates, cement, water, steel reinforcements and components.

Admixtures may be added to modify the properties of the concrete used in the manufacture of the wall panel.

3. Hazard identification.

3.1 Precast concrete wall panels are abrasive

3.2 Precast concrete wall panels are products of significant size and weight. From 0.5 tonnes to over 17.0 tonnes depending on dimensions and should be handled accordingly.

3.3 The strength of the concrete in the wall panel 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 wall panels may cause structural failure / collapse of the wall panel.
Cutting / Altering of the panel is not permitted without written approval from the manufacturer.

3.5 Cutting or hammering wall panels can cause dust and if inhaled in

excessive quantities over extended periods, Respirable dust can constitute a long-term hazard. Cutting, drilling or hammering wall panels 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!

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 wall panels 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. Fire fighting measures

Non- applicable

Precast Concrete Wall Panels

6. Accidental Release Measures

- 6.1** Avoid contact with skin
- 6.2** Tidy up debris from broken concrete wall panels.

7. Handling and Storage

- 7.1** Protect skin when handling concrete wall panels.
- 7.2** Use suitable handling and transport equipment when handling concrete wall panels.
- 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 panels correct lifting attachments (at the specified lifting point) must be used.
- 7.7** Wall panels 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.
- 7.4** Ensure adequate load-bearing capacity of ground, floors or platforms when placing or storing panels on site.
- 7.5** Store clear of excavations and public thoroughfares.
- 7.6** Ensure stability of wall panels when stored on site in vertical position and secure if necessary to avoid falling of panels..
- 7.7** Temporary support should not be required. If required it will be specified in the supply drawings accompanying the project.

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 panels or do any drilling.
- 8.5 Footwear**
Wear footwear with protective toe caps when working with concrete wall panels.
- 9. Physical & Chemical Properties**
Precast concrete wall panels are usually grey in colour. The product is abrasive.
- 10. Stability & Reactivity**
Ensure integrity and stability of panels whilst stored on site.
- 11. Toxicological Information**
Not applicable.
- 12. Ecological Information**
Precast concrete wall panels have no ecological effects.
- 13. Disposal Considerations**
Precast concrete wall panels 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**
Ensure precast concrete wall panels are installed in accordance with design specification supplied.

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.