

Material Safety Data Sheet Hollowcore.

1. Identification of product:

1.1 Pre- cast, pre- stressed concrete Hollowcore used as a primary Floor Element. Generally 1200 mm wide by various spans and lengths & depths.

1.2 Name of Company:

Flood Flooring Ltd.

Phone:

049 – 8541477

1.3 Application

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

2. Composition of ingredients

Precast Hollowcore floors 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 floor.

3. Hazard identification.

3.1 Hollowcore units are abrasive

3.2 Hollowcores floors are products of significant size and weight .
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 floor slabs 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 slabs may cause structural failure / collapse of the floor slab.

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

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3.5 Cutting or hammering floor slabs 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 slabs can cause serious injury.

3.7 Overloading of the slab 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 slabs must not be altered in any way, where it might undermine / cause failure of the floors support.

Hollowcore Floor

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 Hollowcore flooring.

7. **Handling and Storage**

7.1 Protect skin when handling Hollowcore flooring.

7.2 Use suitable handling and transport equipment when handling Hollowcore flooring.

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 slabs 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.

7.8 Temporary propping is required and must be adequate to carry the Line Load as indicated on manufacturers drawing 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 or do any drilling.

8.5 **Footwear**

Wear footwear with protective toe caps when working with concrete

9. **Physical & Chemical Properties**

Hollowcore floor is 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 plate floors have no ecological effects.

13. **Disposal Considerations**

Concrete plates 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

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