



MATERIAL SAFETY DATA SHEET

Product Name:

Celcon Reinforced Floor Elements

Supplier:

H+H Celcon Limited

Description:

Autoclaved Aerated Concrete (Aircrete) reinforced structural elements

Application:

Celcon Reinforced Floor Elements are manufactured in the densities, strengths and sizes as identified in the relevant current H+H Celcon Limited technical literature. All components are for use in construction (building) and should be used as recommended in the H+H Celcon Limited technical literature accompanying products, or as available from the Technical Department (Tel: 01732 886333).

Composition of Products:

The following materials are employed in the manufacture of these products:

Cement (OPC), Lime, Sand, Pulverised Fuel Ash (PFA), Aluminium Powder, corrosion protected steel reinforcement, Water.

Following manufacture, the components are not deemed to be hazardous within the meaning of the Health and Safety at Work etc Act 1974, nor are they chemically aggressive.

Personal Protective Equipment (PPE):

For the purpose of working with Celcon Reinforced Floor Elements, suitable personal protective equipment (e.g. safety footwear, head, eye and hand protection) should always be employed.

Where cutting of elements is undertaken suitable eye, face, hand, respiratory and body protection should be employed by all persons involved in the operation.

Loose particles and dust that may arise from handling these products may cause irritation if allowed to enter the eyes or respiratory tract. Suitable personal protective equipment (eye protection and respiratory protection) should be employed.

Steel Reinforcement:

Cutting of steel reinforced elements should be undertaken ONLY in accordance with the technical literature accompanying such products, or as available from the H+H Celcon Limited Technical Department. Such cutting should ONLY be carried out by suitably trained and competent persons employing suitable cutting tools fitted with the correct blades.

Health Hazards:

EYES

Effect: Abrasive discomfort and irritation

Protection: Suitable Goggles (BS2092)

First Aid: Flush copiously with clean water – if irritation persists seek medical advice

SKIN:

Effect: Abrasive. May cause skin irritation

Protection: Suitable PPE and Gloves

First Aid: Wash with soap and water – if irritation persists seek medical advice

INHALATION/INGESTION

Effect: Unlikely to be a problem

Protection: Suitable respiratory protective equipment – washing with soap/water before taking food and drink or smoking

First Aid: If ingested drink plenty of clean drinking water – if irritation of respiratory tract persists seek medical advice

Construction, Design And Management Regulations:

The following information is provided to assist clients, designers, planning supervisors and contractors in the discharge of their respective duties under the Construction (Design and Management) Regulations 1994.

For the purposes of formulating the Health and Safety Plan or File, it should be noted that the product is described as *Autoclaved Aerated Concrete (Aircrete)*.

Celcon Reinforced Floor Elements are delivered to site by road vehicles, for which suitable access and egress should be available. Where such access and egress is not available, deliveries will be made to the nearest available suitable location, subject to agreement with the client.

Components are delivered to site supported on pallets or bearers. Components may either be supported directly on the one below it or may be spaced from the one below it by bearers. All components are suitably wrapped and/or banded.

Where off loading at site is to a hard and level surface, components may be stacked above one another each on pallets/bearers to a maximum height of 1.5m. Care should be taken when removing components from delivery packaging to ensure that the components do not fall or otherwise endanger persons handling or near them.

Where components are to be lifted into place by crane or hoist, the correct proprietary lifting equipment (as specified by H+H Celcon Limited) must be employed.

Where forklift trucks are employed for lifting components, the trucks must be suitable for the terrain/load and suitable pallets or bearers should be employed to prevent damage to components by direct contact with the forks or blades.

All waste packaging materials should be disposed of in accordance with local regulations.

Manual handling of structural components in final position should be undertaken in accordance with the Manual Handling Regulations 1992. Where individuals are required to manually handle structural components in final positioning, suitable tools (i.e assembly levers and assembly crowbars etc) and equipment should be employed to reduce risks of injury.

For weights and dimensions of structural components, reference should be made to the H+H Celcon Limited Celcon Reinforced Floor Elements technical literature.

All persons are reminded that a suitable and sufficient assessment of risks must be made of all tasks to be carried out in accordance with the relevant Statutory and Regulatory requirements.

Contact Points:

H+H Celcon Limited

Celcon House
Ightham
SEVENOAKS
Kent TN15 9HZ

Technical Department:

Tel: 01732 880580
Fax: 01732 880581

Tel: 01732 886333
Fax: 01732 886810

Disclaimer. Every effort has been made to ensure the correctness of the information provided in this Material Safety Data Sheet, which is supplied to product purchasers on the basis that we cannot guarantee its accuracy or completeness. Health and safety information provided in this Material Safety Data Sheet is intended for general guidance only, and it is the responsibility of the user to ensure that suitable and sufficient assessment of hazards and risks posed in the employment of any products are undertaken and to comply with any duties imposed by Statutory or Regulatory requirements. No statement made in this Product Data Sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe any existing patents, nor is any warranty made, either expressed or implied.