



Safety / COSHH

Precast Concrete Staircases and Landings

Data for inclusion in the Health and Safety file relating to CDM 2015 Regulations

Design

The stairs have been designed in accordance with the relevant industry standards.

Accidental Damage

The concrete in the stairs are considered a generally inert product however, the stairs contain limestone and they may react to very strong acid. Should strong acid be spilt on the stairs then it should be washed off with large quantities of water. It is almost impossible for the stairs to be structurally damaged by this form of attack. Only damage to the surface finish is likely.

Alkali will have little effect. Again wash off with clean water.

Chips and surface damage can easily be repaired using sand and cement or a concrete epoxy repair mortar. For extreme cases please refer to ACP (Concrete) Ltd Structural Engineer.

Should the stairs be damaged in an intense fire then again refer to a Structural Engineer.

Cleaning and Maintenance

The care and maintenance of the stairs is minimal and only normal cleaning and sweeping is required in accordance with other housekeeping duties

Demolition including drilling fixings

The demolition and removal of the stairs needs to be done accounting for the slope of the stairs and the weight.

The reinforcement is in the bottom of the stairs as shown on the drawings and care should be taken to avoid cutting these without proper support. Fixing drilled anchors into the soffit of the stairs should be done avoiding cutting the reinforcement. Handrail fixings must be fixed to the side of the stair stringer and set a minimum of 75mm above the stair soffit. We trust that this satisfies your requirements for the CDM file.

DISCLAIMER:

Please note that any information provided is to be used as a guide only. Any lifting/handling operations should be carried out by trained and competent personnel only. ACP (Concrete) Limited will not be held responsible for any damage or injuries in connection with handling or installation not carried out by ACP (Concrete) Limited.

Signed:

Date: