



Beam and Block Flooring – Information sheet

Design

The units are designed and manufactured in accordance with BS8110 or the relevant Euro codes, our Quality Assurance Scheme in accordance with BS EN ISO 9001 and our interpretation of the relevant Building Regulations.

The design of the units is based on certain assumptions with regard to the site conditions, safe bearings and imposed loadings etc. detailed in our quotation. Any changes caused by subsequent information proving these details to be incorrect shall be regarded as a basis for amending the quoted price.

The Company is not the Engineer as defined in BS8110 Part 1 1997 clause 2.2.2.1. The Company is not responsible for designing the building or individual components of the building to comply with the Building Regulations.

No inclusion is made for designing, supplying or fixing ancillary reinforcement, fire stopping, cavity barriers, in-situ concrete, including infilling around columns, or to steelwork generally, pointing, bedding or purpose-made Precast concrete items unless specifically identified in the covering letter of this tender package.

The Beam and Block Flooring units will be supplied in sizes and spacings to suit the design loadings supplied.

It is the responsibility of the Building Designer to detail and specify any ties necessary to satisfy the requirements given in the current edition of the Building Regulations Part A. Our quotation does not include for any work/details to satisfy the Disproportionate Collapse or anchorage/ties requirements unless noted otherwise. Where the Company provides a price for completing of anchorage/tie details then the design of such details will be by others.

Bearings Recommended

Nominal bearings of 100mm for masonry and 75mm steel and concrete structures are required. For conditions where this is not possible, reference should be made to Clause 5.2.3 of BS8110 and our Technical Department. All bearing structures must be adequately cured before installation works commence. Units will not be placed on “green” block work due to health and safety risks. Unless otherwise stated we have not included for laying beams on to DPC’s. Should this be required we must be notified during the design stage and all DPC’s are assumed supplied free of charge by the Main Contractor.

Detailing

We have included for preparing layout drawings showing the flooring layout together with details of holes and openings through units, based upon being provided at the time of order with fully detailed and dimensioned working drawings showing all holes, bearing details and the loads to be applied on to our units. No inclusion has been made for taking site dimensions. The Main Contractor/Client must ensure prior to delivery of the units that as built site dimensions are in accordance with the approved drawings and adequately marked datum lines are provided to enable the units to be installed accurately. The Main Contractor is responsible for ensuring that all bearings are at the correct level prior to our installation works. It is essential that we are informed and provided with any changes to current details and drawings affecting this contract. Failure to do so may delay deliveries, and incur extra costs.

Blocks

Unless otherwise stated our quotations exclude the supply of all in-fill blocks. These should be solid 440x215x100mm, manufactured in accordance with BSEN771 and be minimum 3.5N/mm^2 compressive strength and able to support a transverse load of 3.5kN on a span of 420mm. Our layouts have been prepared based on block densities of 1450kg/m³, unless otherwise stated. If you propose to use different block densities please consult our technical department.

Finishes

The top surface of the units is suitable to receive a wet finish such as a screed. Our installed rates include for brushing a 4:1 sand/cement mix over the floor area. All materials are to be supplied by the Main Contractor free of charge in close proximity to the works. A water supply is also required.

All prestressed units will have upward cambers and due allowance in any finishes should be allowed for this. Differential cambers are possible due to manufacturing/construction tolerances, or where beams of different lengths/span directions are adjacent. Levelling screeds by the Main Contractor are recommended where these level variations may cause issues for finishes.

Protection

Protection of the product will be the responsibility of the Main Contractor/client after handing over by our fixing team or delivery of goods for supply only contracts. This includes the protection of grouting or in-situ concrete works from adverse weather conditions. Care should be taken not to exceed the floor design loadings during the construction phase. Our technical department can advise on specific cases.



Supply Only Contracts

The Contractor/Client is to provide all necessary lifting equipment and grouting materials in accordance with recommendations which will be given when a successful order is acknowledged.

Adverse Weather Conditions

In the event of delivery vehicles not being able to be unloaded due to adverse weather conditions (e.g. winded-off) then the cost of waiting time, returned loads will be charged to the Client on all supply only contracts and supply and fix contracts where the client is providing the offloading plant.

Site Conditions

The client should ensure that the site access and roadways are designed to safely carry our delivery vehicles and cranes (normally 12m articulated lorries). Site walkways and access around the working area should be of a suitable surface to allow safe access and egress of operatives and plant. Where the site is approached through narrow or congested roads, the client is responsible for liaising with individuals or the Local Authority to ensure suitable access for delivery vehicles. Crane sizes have been estimated from the information supplied and will be confirmed before commencement of works. If crane sizes increase above the stated size additional costs will be passed on.

Skip

We will require to be provided with a skip free of charge for any waste material adjacent to the work area.

Construction (Design Management) Regulations (CDM)

In accordance with the above, we require a copy of the Health and Safety Plan for this project highlighting where it particularly affects our products or services. Also we require confirmation of the individual who is the CDM Co-ordinator for the project.

VAT

This quotation excludes Value Added Taxes.

Cancellation

In the event of you cancelling your order after a period of 2 weeks, we reserve the right to charge our basic abortive administration costs which are up to 10% of the sub-contract value (exclusive of V.A.T). Any further costs incurred with drawing, manufacture, or disposal of manufactured units may also be passed on.