

Bloc à bancher

The Bloc à Bancher is a concrete shuttering block. It is used as an efficient solution to assemble a wall in which we can place horizontal and vertical reinforcements and pour concrete to create a Reinforced Concrete (RC) wall.

They are suitable for constructing various types of walls such as pool walls, boundary walls, retaining walls, house walls and many more.

This combination of block-concrete-steel results in a reinforced concrete wall with high strength.

The shape of the block and the placement of the notches on the interior walls make it easy to place the vertical and horizontal steel reinforcements and pour the infill concrete.

Advantages	Cost benefit	Environmental benefit	Improved ease of use	Gain in efficiency	Reduction in construction time
Elimination of formwork	✓	✓		✓	✓
Up to 15% less cement usage than a concrete wall	✓	✓			
25% lighter than a standard 8 inch block			✓	✓	
Laying without mortar	✓			✓	✓
Finition facilitant le crépissage				✓	

COMPLIANCE

EN 15435 - Precast concrete products - Normal weight and lightweight concrete shuttering blocks

TECHNICAL CHARACTERISTICS

- Thickness of external shells: 30/32mm
- Dimensional deviations

Dimension	Maximum Dimensional Deviation
Length	+3mm / -5mm
Width	±2mm
Height	+3mm / -5mm
Thickness of external walls	±3mm

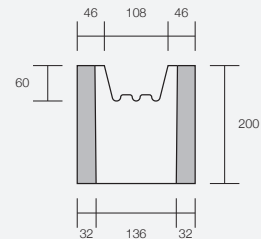
- Average weight of the block: ±15kg
- Compressive strength of a Bloc à Bancher: the average compressive strength of 10 blocks shall not be less than 3.5 MPa at delivery. The minimal compressive strength of a single block shall not be less than 2.8 MPa.
- Concrete volume: ± 120 litres per square metre.

MATERIALS SPECIFICATIONS

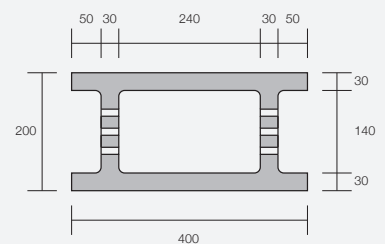
- Cement**
In compliance with BS EN 197-1:2000 - Cement.
Composition, specifications and conformity criteria for common cements.
- Aggregates**
In compliance with BS 882: 1992. Specifications for aggregates from natural sources for concrete.
- Water**
Borehole water - clean and free from harmful amounts of deleterious materials, either in suspension or in solution, controlled monthly by external laboratories.



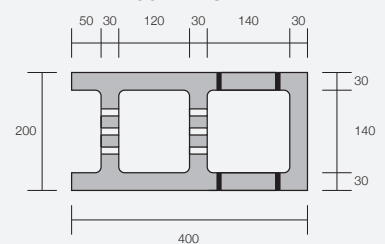
Non contractual photo



STANDARD UNIT



CORNER UNIT



Application Guide (DTA) available on our website www.ubp.mu

Test and Compliance Certificates

Appropriate certificates are issued upon request. In case of no particular specifications / requirements on the product, the test and compliance certificates will be according to EN 15435 standard.

Tested by UBP - Laboratory department
2024 version