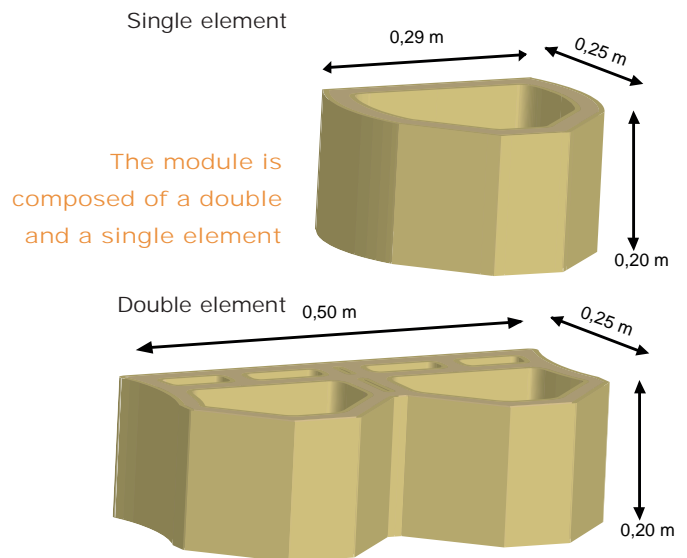




Technical features

- Weight of the single element empty: 11 kg
- Weight of the double element empty 21 kg
- Weight of full single element: 23 kg
- Weight of full double element: 48 kg
- Packaging: 4 m²/pallet
- Number of units per m²: 7
- Weight elements in full m²: 500 kg



- Boundary walls
- Double sided planting
- Slope reinforcement
- Noise bunds
- Acoustic screens





Possible uses



Typical slope: up to 1.70 m in height with an angle - 28 degrees in ground of excellent quality without surcharge.

Vertical gardening dwarf wall: maximum 0.6 m.

Closure: the elements are used to create permanent formwork the doubles are filled with gravel or sand, except the last three elements that are bonded with epoxy adhesive.

Acoustic screen: heights up to 4 m - sold only with study specific to each structure.

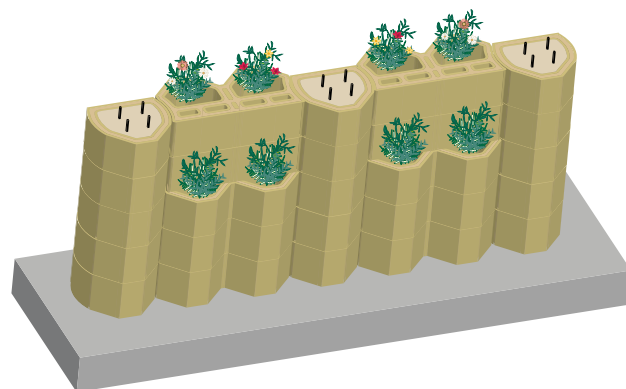
Construction

Set out beforehand the location of the assembled structure. Dig a trench 600mm wide and 600mm deep. Flow at full excavation width a 150mm depth of concrete. Impress into the concrete a layer of 100 x 200 x 5mm diameter mesh before the concrete sets.

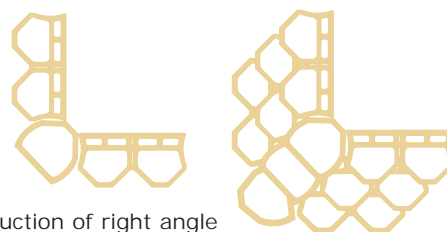
The laying of the first row is carried out by checking the level line and plumb of the elements. Fill the cells with concrete up to half depth and haunch on each side to a height of 100mm. You can achieve one layer 250mm thick by 600mm wide. Completing the first row with earth possibly with expanded material.

At the rear backfill with layers compacted at 200 mm centre collector drain on the outside.

For the subsequent rows it depends on the angle chosen, for the positioning of the modules in subsequent horizontal and vertical location.



Wall vertical partial armoring. We consider;

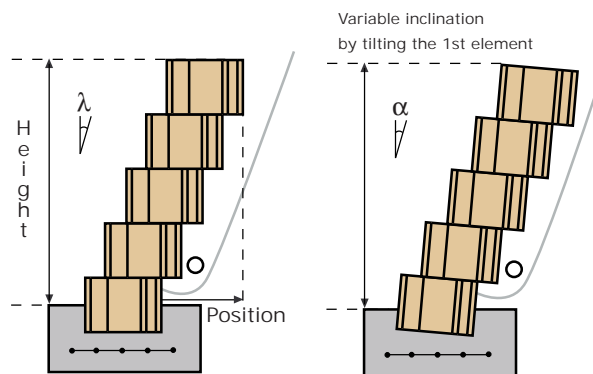


Construction of right angle

Use wall cladding

λ angle of the wall	height	number of rows	row
- 7°	0.90 m	5	0.35 m
- 14°	1.10 m	6	0.50 m
- 21°	1.50 m	8	0.79 m
- 28°	1.70 m	9	1.10 m

Limited to land of good quality without surcharge, and not displaying slippage. The elements are facing modules.



The land on which the structure will be assembled must be verified by an Approved Geotechnical Engineer to validate the design. Our responsibility is limited to products provided. The quality of foundation soil, slope faces, backfill and the installation are the responsibility of the Employer or Contractor and under no circumstances BETOCONCEPT®.