

MINIMODULO H9 Technical sheet

1. DESCRIPTION

Modular formwork made of recycled PP for ventilated foundations and for the creation of a physical barrier between the ground and the building.

2. TECHNICAL SPECIFICATIONS

| | | |
|---|--------------------------------|------------------------------------|
| Material | - | Recycled polypropylene (PP) 80-90% |
| | - | Minerals 0-10% |
| | - | Recycled polyethylene (PE) 10% |
| Percentage of recycled material | % | 100 |
| Color | - | Black |
| Dimensions* | cm | 58x58x H9 |
| Weight | kg | 1.03 (± 10%) |
| Concrete consumption up to the formwork's satin** | m ³ /m ² | 0.010 |
| Installations passage | mm | A Ø60mm B Ø60mm |
| Supporting surface of the pillar | cm ² | 14 |
| No. of pillars per m2 | - | 26.75 |
| Installation time | m ² /h/worker | 90 |
| Place of production | - | Italy |

* in consideration of the recycled material, the measures should be evaluated with a tolerance of ± 1,5%

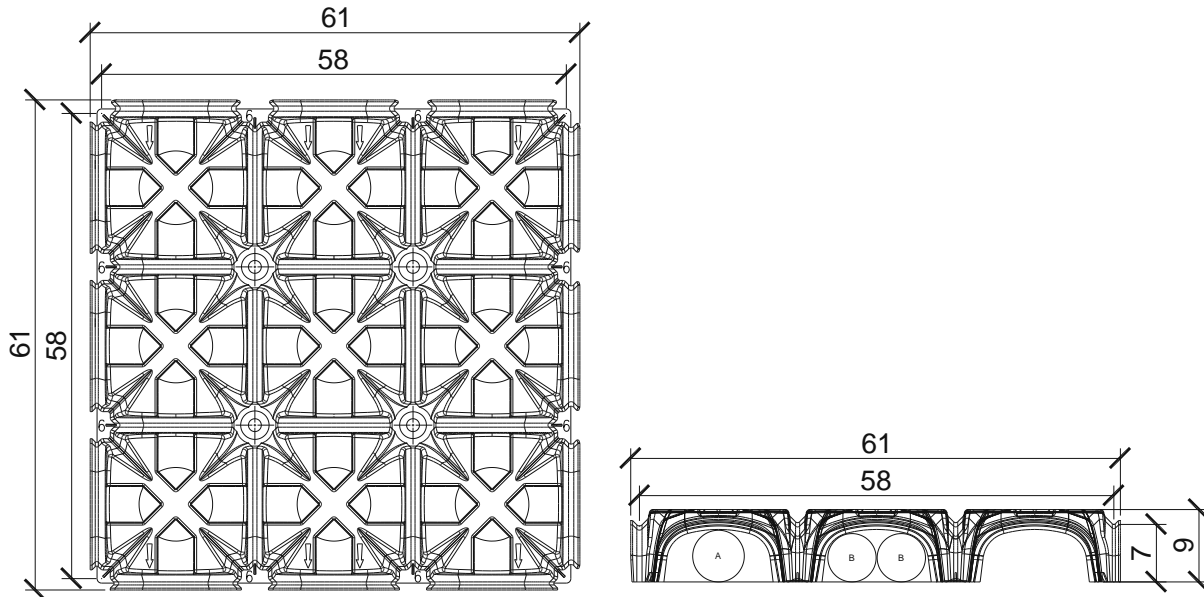
** The volume is subject to changes depending on the casting conditions and material tolerances

3. LOAD CHART

| LOAD (Kg/m ²) | Slab THICKNESS (cm) | REINFORCEMENT (mm) | Lean concrete thickness (cm) | Gravel thickness (cm) | Ground pressure (Kg/cm ²) |
|------------------------------|--|-----------------------|---------------------------------|--------------------------|--|
| 500 | 5 | Ø5 / 25x25 | 5 | | 0,21 |
| 1,000 | 5 | Ø6 / 20x20 | 5 | | 0,42 |
| 2,500 | 5 | Ø6 / 20x20 | 5 | | 1,06 |
| 5,000 | 5 | Ø8 / 20x20 | 10 | | 0,76 |
| 10,000 | 6 | Ø10 / 20x20 | 5 | 10 | 0,77 |
| >10,000 | To be assessed on a case-by-case basis by consulting the Geoplast Technical Office | | | | |

* It is the designer's responsibility to assess that the installation plan is able to guarantee the specified pressures.

4. TECHNICAL DRAWINGS

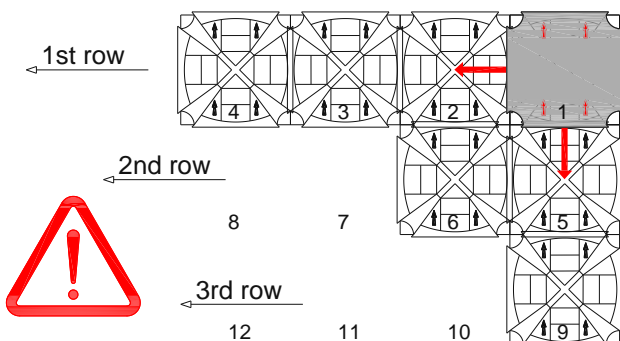


5. PACKAGING AND TRANSPORT

| | | |
|-------------------------|----------------|-------------------------------------|
| Product code | - | EMODULO5809 |
| Packing Size | cm | 120 x 120 x H240 |
| Type of packaging | - | Stacked and wrapped in plastic film |
| Quantity per pallet | pcs | 720 |
| Surface area per pallet | m ² | 240 |
| Package gross weight | kg | 758 |

6. INSTALLATION METHOD

The Minimodulo installation is carried out by placing the formwork from right to left and from top to bottom, always keeping the arrow printed upwards. It is essential to check the correct fitting of the feet.



Before starting to install the elements, we recommend that you consult Geoplast® project tables to position the elements appropriately. For a correct installation, in compliance with safety regulations, please refer to the installation manual.