

### MINIMODULO Specification item

Creation of ventilated cavity of total height \_\_\_\_cm through the supply and installation of disposable formwork in regenerated polypropylene type MINIMODULO by Geoplast S. p. A.. Suitable for the rapid creation, dry, of a self-supporting formwork bottom above which a minimum class C20/25 concrete casting will be carried out, with consequent flush filling of the formwork and formation of a flat slab on the extrados of thickness \_\_\_\_cm, reinforced with bars for reinforced concrete or electrowelded mesh diameter \_\_\_\_mm step \_\_\_\_ x \_\_\_\_cm. Fiber-reinforced concrete is permitted. The extrados of the slab shall be levelled and pulled out or stayed

The MINIMODULO formworks must have a square base spacing of 50x50 or 58x58, height \_\_\_\_cm. They will have a dome shape, or series of lowered domes, equipped with 4 or more reference planes for the casting and the correct positioning of the welded wire mesh to avoid any hollows near the support feet of the formwork. The reciprocally connected modules will be able to receive the concrete casting and will form pillars with squared matrix spacing in both directions. The resulting void will be used for filling, elevation rise, passage of systems in general and/or ventilation of the cavity.

The MINIMODULO elements must meet the following requirements:

1. Resistance to dryness 300 kN/m<sup>2</sup>, obtained by means of 300 x 300 mm presses.
2. 64dB (L'n,w) trampling noise insulation calculated according to ISO 717-2, obtained by in-situ measurement according to UNI EN ISO 14-7 technical standard (2000)
3. To be produced by Company certified according to ISO 9001 standard
4. Have system certification issued by EOTA member body (European Organisation for Technical Approvals)

The price includes:

- a) Supply and paving of lean concrete with thickness as planned.
- b) At the discretion of the D. L., before installing the formwork system, holes and/or traces may be formed for the passage of ducts and piping of sanitary, electrical, telephone and other water-heating systems.
- c) The flooring will be ventilated by the formation of holes with a diameter of 80/120 mm, on the perimeter masonry at a rate of approximately one every 3.50/4.00 m, complete with any PVC connection piping and the external stainless steel grilles equipped with insectproof plastic mesh. For good ventilation, the ventilation holes should preferably be located at a higher elevation south of the building (hottest side) than in the north (coldest side). If there are portions of the underfloor cavity inside foundation beams, it must be connected to the external or perimeter portions.
- d) Supply and installation of the MINIMODULO® type system composed of disposable formworks in regenerated propylene.
- e) Supply and installation of the partitioning reinforcement (electrowelded wire mesh) required to withstand operational stress
- f) Filling casting of the overlying concrete hood with strength, consistency and thickness class as per the design project, with or without the use of pumps.
- g) Cast vibration.
- h) All charges, including those for provisional works, offcuts, cuts and any other charges necessary to ensure that the work is properly performed.

The perimeter formwork is excluded.