

SKYNET Specification item

Creation of a two-way ribbed plate resting on columns with a height of _____ cm by supplying and installing SKYNET® by Geoplast S.p.A. regenerated polypropylene disposable formworks by Geoplast S.p.A. for the rapid dry creation of a self-supporting formwork suitable for the simultaneous casting of columns and slabs, created by casting a minimum class C20/25 concrete with subsequent flush filling of the formwork and the formation of a flat slab at the top with a thickness of _____ cm, reinforced with reinforced concrete bars or electro-welded mesh. The extrados of the slab will be levelled and trowelled.

The SKYNET® system will be composed of PVC pipe interlocking bases connected to each other by means of anti-rotation double-hook spacers, of PVC pipes of variable height and diameter 125 mm or 250 mm or 300 mm, of lowered dome formwork 20 cm high, plan dimensions 708 x 708 mm. The modules, mutually connected and supported by non-returnable PVC pipes with a diameter of 125 mm, will be suitable for receiving the concrete casting and will form a square matrix of 708 mm x 708 mm pitch. If necessary, an inverted dome disposable formwork will be inserted into the matrix to form a capital capable of receiving, by means of a bayonet coupling, the 250mm or 300mm diameter circular column formwork. The resulting void may be used for filling, raising the height, passage of systems in general and/or ventilation of the cavity or other purposes.

SKYNET®-type elements must meet the following requirements:

1. Be manufactured by an ISO 9001 certified company

The price includes:

- a) Supply and installation of the SKYNET® type system, consisting of regenerated propylene disposable formwork, PVC pipes with a diameter of 125 mm, 2250mm or 300mm, bases, double coupling spacers and lateral battens
- b) Supply and placing of the reinforcement required to resist operating stresses and additional reinforcement of the pillars
- c) Casting of concrete backfill with strength class, consistency and thickness as specified in the project cast in situ with or without the aid of pumps.
- d) Casting vibration.
- e) All charges, including those for provisional works, scraps, cuts and all other charges necessary to provide the work in a workmanlike manner.

Perimeter formwork is excluded.