

SKYDOME® Specification item

Creation of a reciprocally orthogonal ribs bidirectional floor slab made of reinforced concrete cast in situ, with the intrados with a dome shaped voids shaped with a square base of net light 70x70 cm and height ____ cm, obtained through the use of a modular formwork system in ABS technopolymer, recoverable and reusable, type SKYDOME® by Geoplast S. p. A., capable of withstanding permanent loads of kg/m²_____, accidental of kg/m²_____ beyond its own weight

The SKYDOME® elements must meet the following requirements:

- a) Executive floor design accompanied by graphical drawings and calculation report drawn up or approved by the SKYDOME® lightening supplier.
- b) Dry walkability of at least 300 daN proven by proof of resistance by using a prismatic punch measuring 80x80mm on the upper face of the formwork, according to UNI 9730-3:1990 - D. M. 09/01/96 All. 7.
- c) REI 90 and RE180 certificate, made on a floor with SKYDOME® H30 dome and 7cm concrete slab, according to UNI EN 13501-2:2008 standard.
- d) Certificate of on-site measurement of soundproofing by air between rooms, according to the technical standard UNI EN ISO 140-4 (2000), of 61dB (R' w), obtained on a floor of 63cm, including SKYDOME® H30 dome.
- e) To be produced by a company certified according to ISO 9001.

The price includes:

- a) Supply and installation of the SKYDOME® system composed of reusable formwork made of ABS technopolymer.
- b) Horizontal compensation for off-cuts not exceeding 5% of the gross floor area.
- c) Supply and installation of the B450C improved adhesion steel reinforcement required to withstand operating stresses.
- d) Bi-directional skirting casting with a minimum width of ____cm underside and ____cm overlay of ____cm concrete slab with strength and consistency class as per design with or without pumps.
- e) Casting vibration.

This also includes all charges, including for temporary works, necessary to provide the work in perfect and proper condition.