

QUALYLOSA COVINTEC

13' 4" - 4"

For mezzanine and roof slabs



For the construction of slabs with integrated thermal and acoustic insulation.

Savings in construction materials and speeds up the construction process.

Integrates thermal insulation in the walls generating savings in energy consumption.

It has Auto-Assembly, which saves the use of union meshes.

Description

Qualypanel Covintec It is a three-dimensional structure of corrugated or galvanized wire of high-strength steel gauge # 9 (3.75 mm), # 12 (2.69 mm) and # 14 (2.03 mm), electro-welded at each connection point, made up of reinforcements vertical Zig-Zag, with a polystyrene foam core, this product is certified by the National Body for Standardization and Certification of Construction and Building, SC (ONNCCE under Standard NMX-C-405-ONNCCE-2014 "Industry of Construction-Panels for structural use applied in construction systems- Specifications and test methods" type II (for use of mezzanine slabs) and type III (for use of ceiling slabs).

Applications

Ideal for its load capacity for mezzanine slabs and for its thermal insulation for ceiling slabs.

GENERAL DETAILS	
Thickness	4"
Width	4'
Height	13' 4"
Spred between mesh	4"
Reticle grid	2 5/8" x 2 5/8"
Weight	1.2 lb/ft ²
EPS thickness	3 1/8"
Steel Sizes	9, 12 & 14
Steel Área A's	0.167 in ²
Steel Área As	0.494 in ²
Horizontal Steel area	0.612 in ²
EPS density	0.45 lb/ft ³
TECHNICAL DETAILS	
Finished slab thickness	6"
Concrete layer thickness	2 1/3"
Finish Weight	32 lb/ft ²
Thermal insulation "R"	11.82 (h ft ² °F/ BTU)
Acoustic insulation	44 db
Mortar strenght	1,424 lb/in ²
Shear resistance	10,312 lb/ft
Overload permitted	135 lb/ft
Tension resistance	85,340 lb/in ²

