

DATA SHEET

QUALYLOSA COVINTEC



QUALYLOSA COVINTEC 4" at 5.01 m:

- 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 slab generating savings in energy consumption.
Energy.
- It has Auto-Assembly, which saves the use of union meshes.

Description:

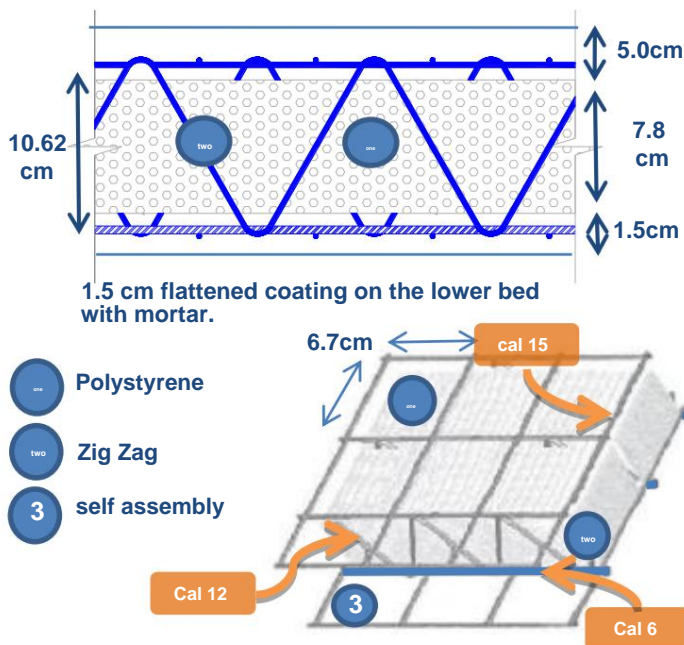
THE QUALYLOSA COVINTEC 4" is a three-dimensional structure of polished or galvanized high-resistance steel wire, electro-welded at each connection point, made up of vertical Zig-Zag reinforcements with a polystyrene foam core, which thanks to its characteristics helps the construction comply with the NMX-C-405-ONNCCE-2002 standard (Panels for structural use in walls, ceilings and mezzanines).

Designed with thermal insulation values for ceiling and/or mezzanine slabs that comply with the NOM-020-ENER-2011 standards (Thermal insulation in the housing envelope) and the NMX-C-460-2009 (thermal insulation value R for housing envelopes by thermal zone for the Mexican Republic).

Applications:

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

Product Diagram:



Product Features

Thickness	4"
Wide	1.22m
Long	5.01m
Separation between Meshes	10.62cm
Reticle	6.7 x 6.7cm
Weight	5.84kg m ²
Polystyrene thickness	7.00cm
Steel Gauge	6, 12 and 15
Steel Area	4.62 cm ²

Finished Slab Characteristics

Finished Slab Thickness	14.30cm
Finished Slab Weight	185kg/m ²
Thermal Resistance "R" Factor (hr)(ft ²)(f)/BTU	11.23
Acoustic isolation	44dB
Mortar Strength	100kg/cm ²
Concrete Strength	200kg/cm ²
Shear Strength	44.102kg/m
Allowable Overload	616kg/m ²
Tensile Strength	44.102kg/cm ²