

DATA SHEET COVINTEC ST



COVINTEC ST 3" for load-bearing walls:

- For the construction of load-bearing walls optimizing steel consumption
- Savings in construction materials and speeds up the construction process
- Integrates thermal insulation in the walls, generating savings in energy consumption.
Energy.
- It has Auto-Assembly, which saves the use of union meshes.

Description:

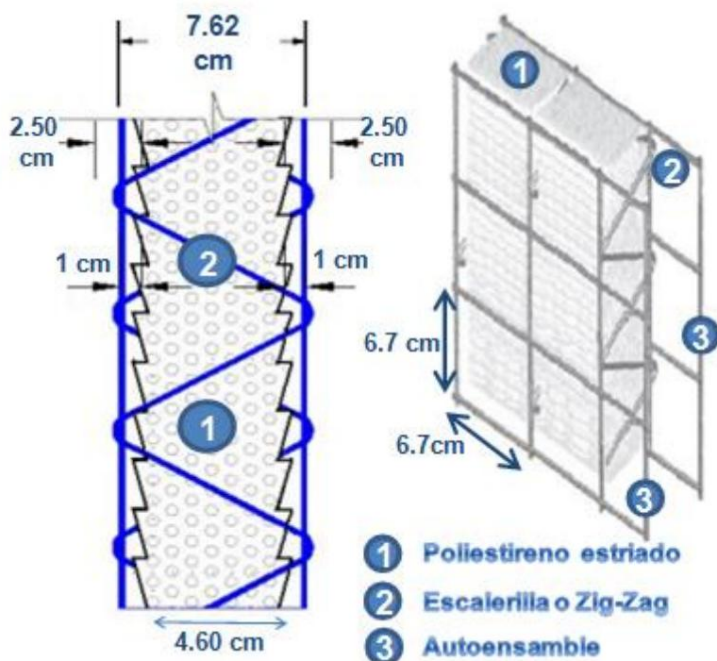
QUALYPANEL COVINTEC is a three-dimensional structure of polished or galvanized high-strength #15 gauge steel wire (1.83 mm), electro-welded at each point of contact, made up of vertical reinforcements called ladders or Zig-Zag, and inside the reinforcements a core made of expanded polystyrene.

The product is designed to comply with the NMX-405-ONNCCE-2002 standard (Panels for structural use in walls, ceilings and mezzanines).

Applications:

Working perfectly on load-bearing and dividing walls, it is recommended in applications where thermal and acoustic insulation is required, such as classrooms, kitchens, auditoriums, departments, offices, etc.

Product Diagram:



Product Features

Thickness	3
Wide	1.22cm
High	2.44m
Mesh Separation	7.62cm
reticle	6.7 x 6.7cm
Weight	2.71kg/m ²
Polystyrene thickness	4.06cm
Steel Gauge	fifteen
Steel Area	1.20 cm ²

Finished Wall Characteristics

Total thickness with flattened	10.62cm
Weight with Flattened	78kg/ m ²
Thermal Resistance Factor "R"	6.03 (hft ² °F/ BTU) 1.06m ² K /W
coefficient of Thermal Conductivity "K"	0.943W/ m ² k
Acoustic isolation	44dB
Mortar Strength	100kg/cm ²
Shear Strength	8,226kg/m
Axial Load	9,511kg/m ²
tensile strength	7,200kg/cm ²