

DATA SHEET COVINTEC ST



COVINTEC ST 2" 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:

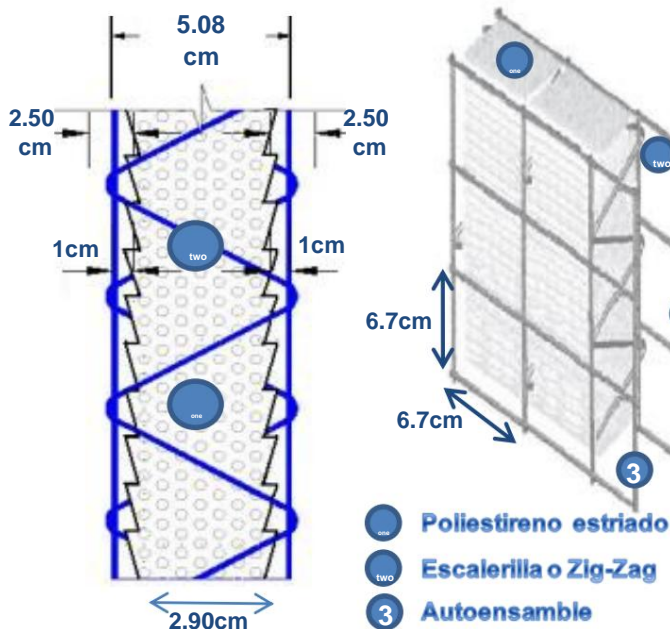
COVINTEC ST is a three-dimensional structure of polished or galvanized high-strength #15 gauge steel wire (1.83 mm), electro-welded at each point of contact, made up of vertical reinforcements called ladders or Zig-Zag, and inside the reinforcements a core made of expanded polystyrene.

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	two
Wide	1.22cm
High	2.44m
Mesh Separation	5.08cm
reticle	6.7 x 6.7 cm
Weight	2.39kg/m ²
Polystyrene thickness	2.9cm
Steel Gauge	15gauge
Steel Area	1.20 cm ²

Finished Wall Characteristics

Total thickness with flattened	8.08cm
Weight with Flattened	75kg/ m ²
Thermal Resistance Factor "R"	4.55 (hft ² °F/ BTU)
coefficient of Thermal Conductivity "K"	0.8m ² K / W
Acoustic isolation	44dB
Mortar Strength	100kg/cm ²
Shear Strength	6,682kg/m
Axial Load	5,565kg/m ²
tensile strength	7,200kg/cm ²