

DATA SHEET

QUALYPANEL COVINTEC



QUALYPANEL COVINTEC 4" 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.

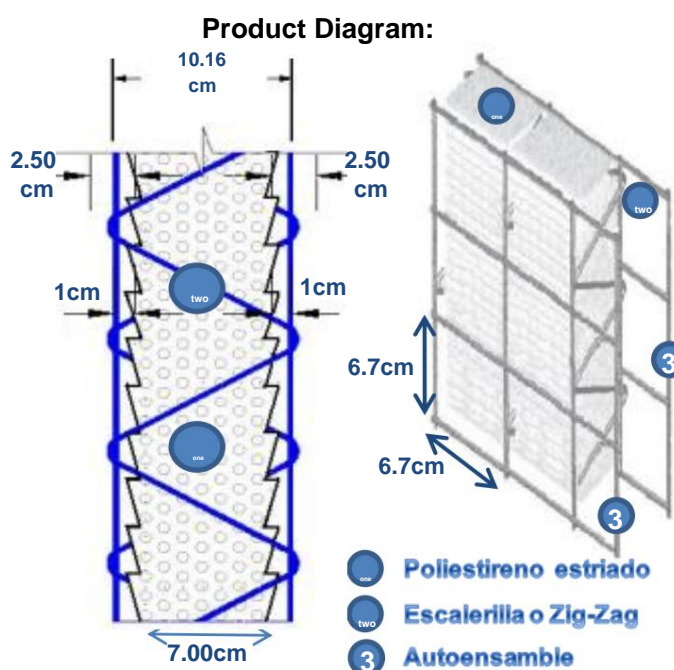
Description:

QUALYPANEL COVINTEC is a three-dimensional structure of polished or galvanized high-strength #14 gauge (2.03 mm) steel wire, electro-welded at each point of contact, made up of vertical reinforcements called ladders or Zig-Zag and inside the reinforcements incorporates 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 Features

Thickness	4
Wide	1.22m
High	2.44m
Separation between Meshes	10.16cm
Reticle	6.7 x 6.7cm
Unflattened Weight	3.08kg m ²
Polystyrene thickness	7.00cm
Steel Gauge	14
Steel Area	1.46cm ²

Finished Wall Characteristics

Total thickness with flattened	13.16cm
Weight with Flattened	78.00kg/m ²
Thermal Resistance Factor "R" (hr)(ft ²)(f)/BTU	11.23
Acoustic isolation	44dB
Mortar Strength	100kg/cm ²
Shear Strength	7,757kg/m
Axial Load	11,258kg/m
Tensile Strength	14.278kg/cm ²