

# QUALYPANEL COVINTEC 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.

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

## Description

**Qualypanel Covintec** is a three-dimensional steel structure of polished or galvanized wire of high-strength steel gauge # 14 (2.03 mm), electro-welded at each point of contact, composed of vertical reinforcements called ladders or Zig - Zag gauge # 14 (2.03 mm) and an expanded polystyrene core is incorporated into the interior of the frames. 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.

GENERAL DETAILS	
Thickness	2"
Width	4'
Hight	8'
Spred between mesh	2'
Reticle grid	2 5/8" x 2 5/8"
Weight	11 lb/ft <sup>2</sup>
EPS thickness	1 3/16"
Steel Sizes	14
Steel Área As	0.30 in <sup>2</sup>
Horizontal Steel area	0.40 in <sup>2</sup>
EPS density	160 lb/ ft <sup>3</sup>
TECHNICAL DETAILS	
Espesor total con aplanado	3 1/8"
Finish Weight	548 lb /ft <sup>2</sup>
Thermal insulation "R"	4.89 (h ft <sup>2</sup> °F/ BTU)
Acustic insulation	44 db
Mortar strenght	7 lb/in <sup>2</sup>
Shear resistance	12,161 lb/ft
Overload permitted	10,791 lb/ft
Tension resistance	421 lb/in <sup>2</sup>

