

PAVITEC PRO NERVATO

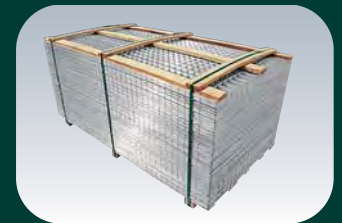
HIGH ADHERENCE ANTI-CRACKING REINFORCING PANELS

Electro welded mesh with improved adherence in flat sheets for floors and facades, with anti cracking and anti-shrinkage functions. The transverse and longitudinal wires of the panel, both linear and orthogonal to each other, have a surface provided with ribs, evenly distributed along the entire length, which prevent the mutual sliding between steel and concrete, and consequently improve the adhesion between the panel and the concrete. The mesh wires are protected by a zinc coating through a galvanizing process by means of hot-dip in order to increase resistance against corrosion. The **Pavitec Pro Ribbed** panel is sold in bundles of 20 pieces, placed on pallets of 25 bundles each, for a total of 500 panels.

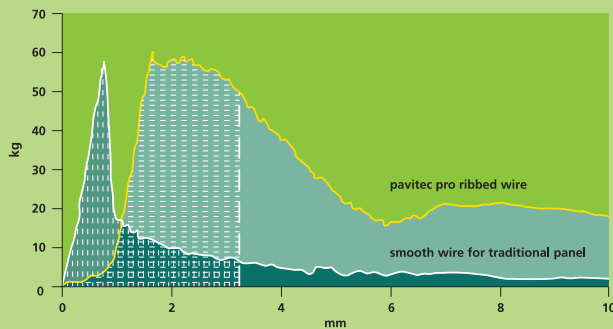
H cm	L cm	panel kg each	kg/m ²	panel/pallet n°	pallet kg each	Ø zinc coating mm
100	200	1,6	0,80	500	800	2,00

general characteristics	value	unit of measurement	ref. standards
single wires maximum breaking load	700-800*	N/mm ²	-
zinc coating type	hot dip	-	-
zinc purity grade (SHG)	~99,995%	-	-
zinc coating thickness	~10	µm	-
panel length tolerance	-0/+1	%	-

(*) the values refer to the wire before construction of the mesh

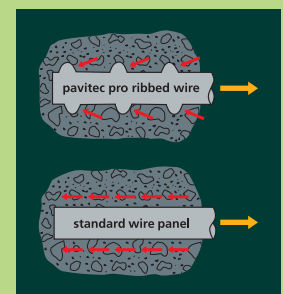


The panels of the **Pavitec Pro Nervato** line are totally devoid of sharp edges and, therefore, comply with the regulations in force regarding the protection of safety in the workplace.



Data processing charts attached to the Emiliano Geo-Technologic Lab # 2233/E/P dd. 29.09.08

The chart underlines the greatest adherence ability to the slab of ribbed wire used for Pavitec Pro panel, in comparison to the one made out of standard pre-galvanized wire. After the extraction from a concrete cube, ribbed wire maintains a good adherence for over 3 mm, while the smooth standard pre-galvanized wire, just after 1 mm, loses its adherence ability. To extract ribbed wire, a superior job is needed, at least twice which the standard smooth wire requires (the job or energy of extraction, are represented by the outlined areas). Eventually, Pavitec Pro panel compared to the standard pre-galvanized panel gives much more resistance to every concrete slab.



The adherence increase obtained with Pavitec Pro, is due to the ribbed wire feature that gives the best grip between concrete and wire ribs.

Flooring and plasters ideal support, **Pavitec Pro Nervato** can be used both in construction and industrial sectors, especially in the realization of compact flatness concrete slabs on which the last flooring is glued. Besides determining an increase of mechanical resistance, **Pavitec Pro Nervato** prevents the formation of superficial cracks or flooring chips due to the concentrated loads. **Pavitec Pro Nervato** also results in the realization of plasters whose thickness of application overcomes the 4 cms.. The false perimetral mesh facilitates the overlap between panels.

