

**PLAKA - NERVEX**

Expanded metal sheet in black steel

REF 04.08.01 - Version V01 - 12/08/2020



**Description**



Expanded metal sheet made from a sheet of black steel uniformly slit and stretched, forming diamond-shaped openings in the sheet. The rigidity of the product is obtained by the main ribs. The inclination of these trusses gives an apparent thickness of the sheet of 10 mm.

**Application fields**

Nervex expanded metal is used as lost formwork. Its rough surface provides good grip in construction joints. It is easy to manipulate on site and is perfectly adapted to complicated formworks. It allows reinforcement bars to go through easily, while keeping a constant hold of the poured concrete.

**Properties**

Mechanical properties	
Material	Made from a sheet of black steel of, uniformly slit and stretched steel DX51D galvanized Z160 (2 sides)
Apparent thickness of the sheet	10 mm
Standard size	2200 mm x 600 mm
Diamond shape size	9 mm x 10 mm
Thickness	0.32 mm to 0.35 mm
Weight	Dim.2200 mm X 600 mm -> 1.39 to 1.52 kg/p -> ± 1.13 kg/m <sup>2</sup>

**Installation instructions**

In case the expanded metal sheet is used as lost formwork, the Nervex has to be supported on its length at a minimum centre distance of 300mm.

**Dimensions**

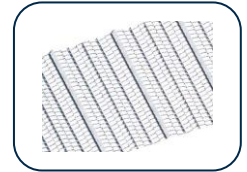
Material and dimensions						
Code	Picture	B cm	L cm	m <sup>2</sup> /Box (bundle)	Bundles per pallet	Kg/ m <sup>2</sup>
NEGM060220		60	220	20 (=26.40m <sup>2</sup> )	20 = 400 sheets per pallet = 528m <sup>2</sup>	1.13
NEGM30		30	250	15		1.13

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**Fixation**

Steel fasteners should be installed at regular intervals to keep the trellis firmly in place. The lath must also be properly embedded in the concrete.

**Storage**

These lattices must be stored in dry, well-ventilated rooms.

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