



Eurocode 055314

Fixing Density

- The fixing density is defined according to the recommended load requested.
- A minimum of 5 or 8 fixings per part fastened must be installed. All visible failure must be replaced.

Power Setting

- The power adjustment must be done on the jobsite, to obtain the right embedment allowing the nail resistance. (see the minimum embedment values h_{nom} indicated in the recommended load table above).

Base material	Color caliber	Tool adjustment
Concrete C20/25	6,3/10 Green	mini power
Concrete C50/60 Prefabricated	6,3/10 Green	Medium power
Prestressed slab Steel E24	6,3/10 Yellow	Minimum power

Description

- Fixing for ceiling application (security cable for lightning, , ...) with wire

Material properties

Premounted nail:

- Length 25 mm
- Hardness 54-58 HRC
- Electrogalvanizing, Min zinc coating 7 μ m

Accessory:

- Steel thickness, 1,2 mm,
 $f_{uk} = 270 \text{ N/mm}^2$ - $f_{yk} = 140 \text{ N/mm}^2$

Tools

P370 with standard pin guide
Possibility to use the electrical pin guide

Recommended loads

Base Material	h_{nom} (mm)	SPIT CATENARY FIX	
		5 fixings per part fastened	8 fixings per part fastened
		Recommended load N_{Rec} (kN) for a displacement equal to 1mm	
C 20/25	17,0	0,15	0,30
C 50/60	16,5		
Prefabricated Prestressed slab	16,0		
Acier E24	13,0		
Safety factor > 3 The recommended load take into account the level account the arm level.			