

DESCRIPTION

- Temporary fastening of steel sheets for steel decking

PROPERTIES MATERIAL

Shank :

- Carbon steel
- Hardness ≥ 56 HRC
- Mechanical zinc plating, min zinc coating $10 \mu\text{m}$

Top hat (only for single shot version) :

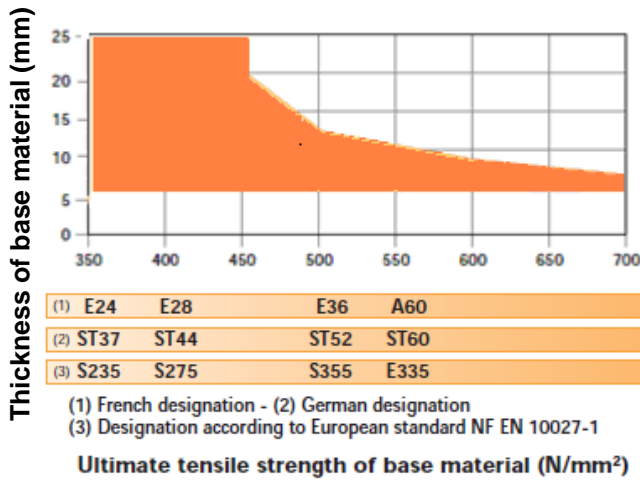
- Steel electrogalvanizing,

The steel top hat sticks the deck on the structure.
This specific shape gets the best finish and lower the risk of finger injury.

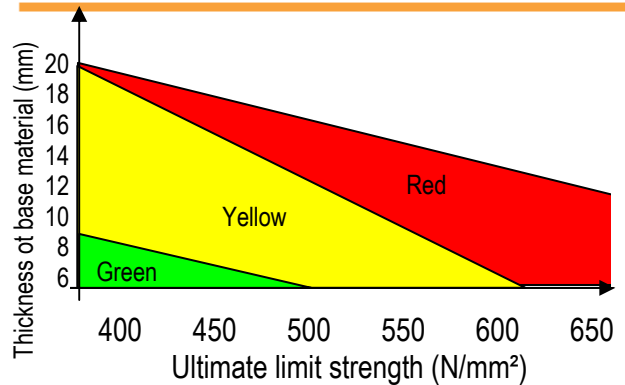
TOOL

- P370

APPLICATION LIMIT



POWER SETTING



RECOMMENDED LOAD

The recommended load given below, are suitable for a resistance of base material higher than 400 N/mm^2 and with a minimum thickness of 6 mm.

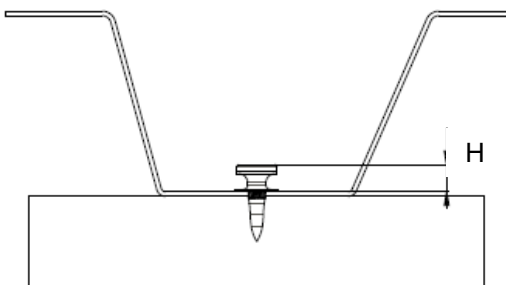
Sheet thickness ⁽¹⁾ fuk > 390 N/mm ² (S320GD)	Design resistance [kN]		Recommended load [kN]	
	Tensile	Shear	Tensile	Shear
	N_{Rd}	V_{Rd}	N_{Rec}	V_{Rec}
0,75 mm	2,5	3,0	1,7	2,0
1,00 mm	3,3	3,7	2,2	2,5
1,25 mm	3,9	4,8	2,6	3,2
1,50 mm	4,6	4,8	3,1	3,2
2,00 mm	6,0	4,8	4,0	3,2

$F_{rec} = F_{Rk} / 2.5$: the recommended load is calculated from the characteristic load and a global safety factor equal to 2.5.

Recommended load is calculated with a safety factor $\gamma_F = 1.5$.

⁽¹⁾ For a sheet thickness equal to 2 mm, it is possible to use 2 sheets of 1 mm.

CONTROL FIXING



$H_{min} = 6 \text{ mm}$ and $H_{maxi} = 7 \text{ mm}$ for guaranteeing the recommended working loads within the application limits.
Maximum sheet thickness: 2 sheets with max thickness of 1mm.