

Technical characteristics

Description

Movinord's suspension systems can be used with all types of suspended ceiling: metal, mineral, plaster, wood, etc. The range consists of series 15, 24 and 35 inverted-T profiles and angle profiles. These are available in any of the 27 colours on the standard colour range.

Method of production

Made of Sendzimir galvanised steel cold rolled and profiled to an inverted T shape, the visible surfaces are then coated with painted galvanised-steel strips.

The automated production system used, subject to thorough certified quality control processes, guarantees the dimensional precision of each part.

Paintwork

- Previously degreased.
- Electrostatically coated with polyester powder or polyester epoxy and polymerised in furnace at 200°C.
- Average paint coat thickness: 50/60 microns.
- Colour tolerance: DIN 5033 standard.

Approximate angle consumption

Profile	mm	Grid	Grid
T15 - T24		1,200 x 600	600 x 600
Main-tee	3,600	0.84 m/m ²	0.84 m/m ²
Cross-tee	1,200	1.70 m/m ²	1.70 m/m ²
Cross-tee	600	-	0.84 m/m ²
T35		1,505 x 1,005	1,205 x 880
Main-tee	3,618	0.67 m/m ²	-
Main-tee	3,300	-	0.83 m/m ²
Cross-tee	1,505	1.00 m/m ²	-
Cross-tee	1,205	-	1.14 m/m ²

Separator profiles

	units/m ²
Tile 300 x 1,200	0.70
Tile 300 x 1,500	0.55

Maximum loads in Kg/m²

Distance between suspension points	Distance between primaries	
T15 - T24	600 mm	1,200 mm
	Main-tee 15 x 38	
1,200 mm	21	13
1,500 mm	14	8
1,800 mm	9	5
	Main-tee 24 x 38	
1,200 mm	36	18
1,500 mm	17	8.5
1,800 mm	11	5.5
	Main-tee 24 x 30	
1,200 mm	26	13
1,500 mm	11	5.5
1,800 mm	5	2.5

T35

	1,505 mm	1,205 mm
	Main-tee 35 x 38	
1,200 mm	14.4	18
1,500 mm	6.8	8.5
1,800 mm	4.4	5.5

For a sag of 1/360 of span

Performances

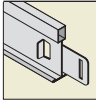
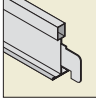
Reaction to fire

The profile frame is designed to absorb any dilatation that may arise as a result of fire for 90 minutes, protecting both the stability of the system and the installations fitted in the chamber above the suspended ceiling. This technical feature is certified by the laboratory AFITI LICOF (Spain) in accordance with UNE 23802:1979.

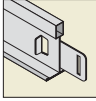
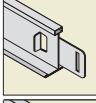
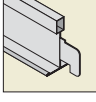
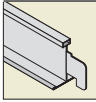
Movinord quality

All the processes used in the design, production, distribution and sale of MOVINORD's suspension systems are quality assurance certified by AENOR (Spanish Standardisation and Certification Association) and IQNET (International Quality Network) per EN ISO 9001: 2000.

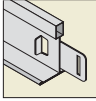

Supply presentation

T15	Ref.	Description	mm	Box			
				Parts	m	kg	
	15/38375	Main-tee	15 x 38	3,750	25	94	33
	15/3836	Main-tee	15 x 38	3,600	25	90	31
	15/38125	Cross-tee	15 x 38	1,250	50	63	21
	15/3812	Cross-tee	15 x 38	1,200	50	60	20
	15/380625	Cross-tee	15 x 38	625	75	47	16
	15/3806	Cross-tee	15 x 38	600	75	45	15


T24

	24/38375	Main-tee	24 x 38	3,750	25	94	37
	24/3836	Main-tee	24 x 38	3,600	25	90	35
	24/3036	Main-tee	24 x 30	3,600	25	90	30
	24/38125	Cross-tee	24 x 38	1,250	50	63	24
	24/3812	Cross-tee	24 x 38	1,200	50	60	23
	24/380625	Cross-tee	24 x 38	625	75	47	18
	24/3806	Cross-tee	24 x 38	600	75	45	17
	24/30125	Cross-tee	24 x 30	1,250	50	63	21
	24/3012	Cross-tee	24 x 30	1,200	50	60	20
	24/300625	Cross-tee	24 x 30	625	75	47	16
	24/3006	Cross-tee	24 x 30	600	75	45	15

T35

	35/383618	Main-tee	35 x 38	3,618	15	54.3	25
	35/383300	Main-tee	35 x 38	3,300	15	49.5	22.5
	35/381505	Cross-tee	35 x 38	1,505	40	60.2	27.5
	35/381205	Cross-tee	35 x 38	1,205	40	48.2	22

Separator profiles

	M1200	Separator	24 x 24	1,225	40	49	11
	M1500	Separator	24 x 24	1,525	40	61	13.7
	M L/V	Separator	24 x 24	Var + 25	40	Var	Var