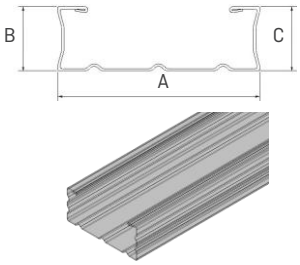
TC(AE) CONTINUOUS CEILING

EN 14195 metal profiles

DESCRIPTION

C-shaped galvanised steel profile in 45, 47 and 60 mm widths, standard lengths of 3 and 4.5 metres and other variable lengths for the construction of plasterboard false ceilings. It has a knurled underside to make it easier to screw in the boards. Its ends have a 180° anti-cut fold that gives it greater rigidity, thereby increasing its mechanical performance.

DESCRIPTION	TC-45x18	TC-45x28	TC-47x17	TC-60x28
Width A	45.00+-0.50	45.00+-0.50	47.00+-0.50	60.00+-0.50
Flange B	18.00+-0.50	28.00+-0.50	17.00+-0.50	28.00+-0.50
Flange C	18.00+-0.50	28.00+-0.50	17.00+-0.50	28.00+-0.50
Nominal thickness	0.60+-0.05	0.60+-0.05	0.60+-0.05	0.60+-0.05
Coating	Z-140	Z-140	Z-140	Z-140



MATERIAL

Profiles formed by folding S220GD +Z140 galvanised steel sheets or similar with a thickness of 0.60±0.05 mm for TC45x18, TC45x28, TC47x17 and TC60x28 and of 0.55±0.05 mm for TCT45x18, TCT45x28, TCT47x17 and TCT60x28 (tolerances established in accordance with the UNE-EN 10143 standard), with the supplier's quality certificate.

APPLICATION: for the installation of continuous ceilings using laminated plasterboards

1) Plasterboards

There is a wide variety of plasterboards on the market with excellent thermal and acoustic insulation properties, good fire resistance, easy assembly and ease of handling.

3) **45, 47 and 60 TC and TCT profile battens. Suspension part**

To support the system, 3-metre long galvanised steel battens are used with TC and TCT profiles (for 45, 47 and 60 mm wide models). Failing this, suspension parts can be used. The system is supported by M6 threaded rods.

4) **Mineral fibre blanket**

To ensure satisfactory sound insulation, mineral fibre blankets are placed on top of the plasterboards, with a certain thickness and density, as required.

PROPERTIES

Reaction to Fire

Class A1 (No contribution to Fire), in accordance with UNE/EN 14195:2005, which establishes said classification for construction products made of steel without the need for testing.

Acoustic Absorption and Insulation

Mineral wool fibres of a certain thickness and density are used for the acoustic conditioning of rooms with plasterboard ceilings. For optimal acoustic conditioning, refer to the technical information (thermal and acoustic behaviour) provided by the manufacturer of the plasterboards installed with this profile.

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SUPPLY

DESCRIPTION	LENGTH	PALLET lm	PALLET kg	PALLET DIMENSIONS (*) base x height
TC-45x18	3.0 m	2160 m	537 kg	1130x210 mm
TC-45x18	4.5 m	3240 m	805 kg	
TC-45x28	3.0 m	1200 m	644 kg	1130x210 mm
TC-45x28	4.5 m	1800 m	966 kg	
TC-47x17	3.0 m	2160 m	537 kg	1130x350 mm
TC-47x17	4.5 m	3240 m	805 kg	
TC-60x28	3.0 m	1200 m	729 kg	1130x350 mm
TC-60x28	4.5 m	1800 m	1093 kg	
*Includes block and board (90 mm)				1130x210 mm
				1130x210 mm
				1130x420 mm
				1130x420 mm

UPDATED VERSION

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