

KNAUF

***KC50
Concealed Ceiling
Metal Profile***



Build on us.

KC50

General Information

- Approved by TIS 863-2567 standard.
- Made from high quality 0.52 mm Cold Formed Steel dipped in 220 g/sq.m Zinc for rust protection.
- Safety guarantee with a larger cross section, make it able to bare a heavier load.
- Best used with Knauf Gypsum Board for the best efficiency.



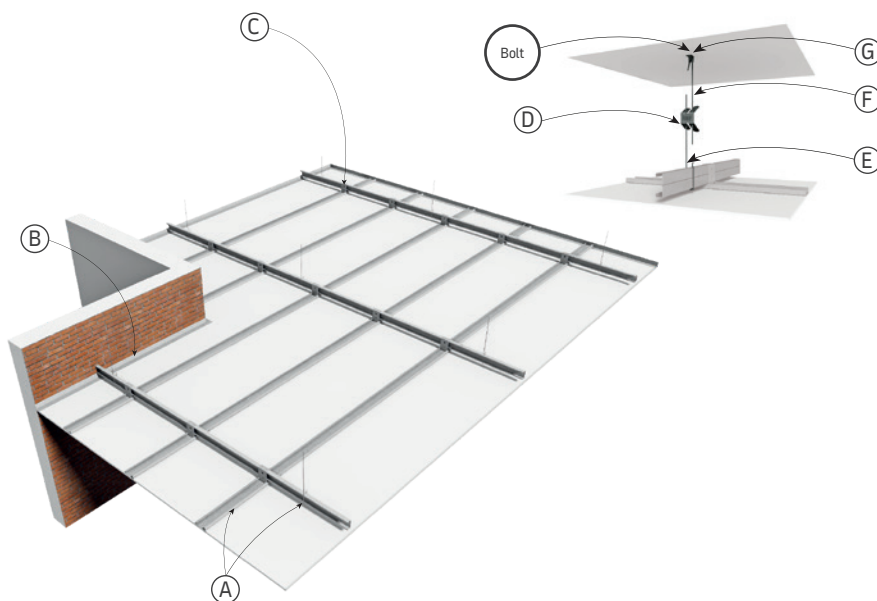
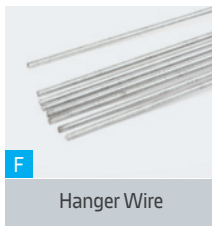
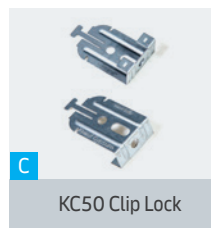
Cross Section : 15 x 37 mm

Thickness : 0.52 mm

Length : 4,000 mm

Tolerance following the TIS 50-2561 standard

KC50 System Components



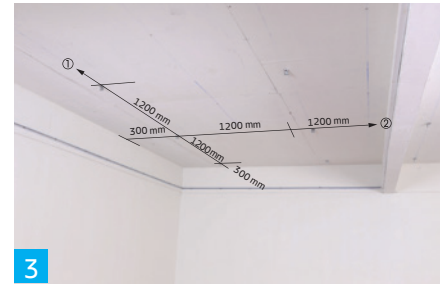
Instruction



1 Designate a ceiling level following the building plan and must include the thickness of gypsum board in the calculation using the water leveller or laser leveller.



2 Install a Wall Angle around the wall by screwing at every 300 mm interval and 50 mm from the end.



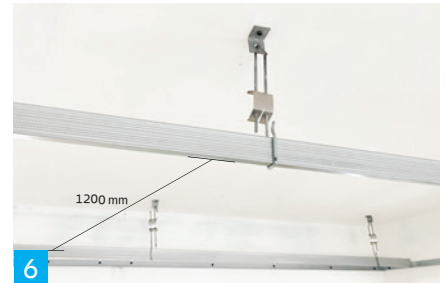
3 Designate the main C Line installation point start at 300 mm from wall and at every 1200 mm afterward. Then install a Bolt Angle at every 1200 mm using an Expansion Bolt to fix it.



4 Measure the length from the Bolt Angle to the Wall Angle and use the measurement to cut the Hanger Wire.



5 Build the hanging set by bending the end of the Hanger Wire then assemble with KC50 Adjustable Spring and KC50 Hook Wire. Then install it to the Bolt Angle.



6 Assemble the KC50 C Line to the hanger set with 1200 mm interval between each C Line.



7 Assemble the cross C Line to the main C Line at every 400 mm with KC50 Clip Lock and fix the end of cross C Line to the Wall Angle



8 Adjust the level of the ceiling profile to make sure it is parallel to each other before install the gypsum board



9 Install the gypsum board to the cross C Line using gypsum board screw 25 mm at every 240 mm in the middle of the board and every 150 mm around the edge



10 After the gypsum board installation, check the screw head. If it is exceed the gypsum board level, use a screwdriver to make it even.



11 Coating the screws head, and on the joints using the small trowel first, apply a Cotton Tape on top of it and leave them to dry out. Then apply another 2 layers of coating using a large trowel with 120 minutes rest between each layer.



12 After the compound is completely dry, polish with a sand paper then clean the surface before apply a paint.

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