

***KNAUF***

***KW50  
Partition  
Metal Profile***



***Build on us.***

# KW50

## 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.
- Various range of cross section to select, perfect for any application.
- Best used with Knauf Gypsum Board for the best efficiency.



C Stud figure



U Track figure

Tolerance following the TIS 50-2561 standard



## Product Information

### KW50 C Stud

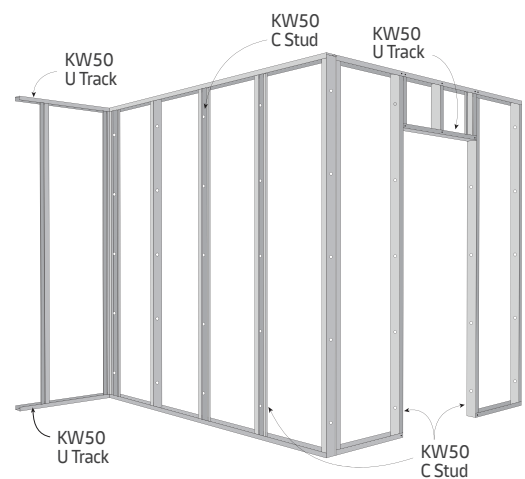
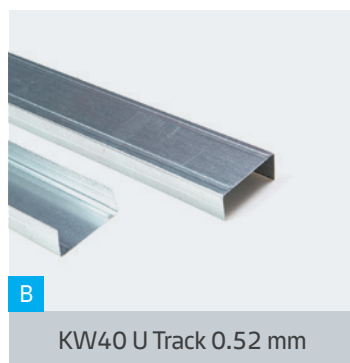
Name	Thickness (TCT)*	Height (B1)	Height (B2)	Width (C)
KW50 C 50	0.52 mm	36 mm	34 mm	50 mm
KW50 C 64	0.52 mm	36 mm	34 mm	64 mm
KW50 C 74	0.52 mm	36 mm	34 mm	74 mm

### KW50 U Track

Name	Thickness (TCT)*	Height (B1)	Height (B2)	Width (C)
KW50 U 52	0.52 mm	30 mm	30 mm	52 mm
KW50 U 66	0.52 mm	30 mm	30 mm	66 mm
KW50 U 76	0.52 mm	30 mm	30 mm	76 mm

\*TCT- Total Coating Thickness

## KW50 System Components



**Instruction**



**1** Designate the installation line on the top and bottom of the area.



**2** Use 8 mm Bolt Angle to fix the U Track to the top and bottom structure. Starting at 50 mm from the end of the track then every 600 mm following the designated line. (the bolt must be 25 mm deep into the structure.)



**3** Cut the C Stud to the same height as the wall. Then fix it to the wall using the Bolt Angle at every 600 mm along the stud.



**4** Install the C Stud in to the installed U Track by insert it in and adjust to make it be vertical to U Track, then fix them together with 13 mm truss head screw or using Metal Stud Crimper. Each stud should be 600 mm apart from each other and not less than 150 mm.



**5** Install the rest of C Studs and have them all face to the same way. In case of the wiring is required, insert the wire through the H-shape hole on the stud first before install a gypsum board.



**6** Before installing the gypsum board, lift the gypsum board up for about 10 mm (using a left-over gypsum board as a bolster is recommended for more convenience).



**7** Install the gypsum board using a 25 mm gypsum screw fixing to the installed metal profile on every 300 mm along the C Stud (avoid the screw on the metal profile on the both end) then every 200 mm around the edges.



**8** Install a gypsum board alternatively to the opposite side of the metal profile. Start from install the 600 mm wide gypsum board following by 1200 mm.



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

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