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**GYPSUM BOARD U-C PROFILES**

**DESCRIPTION**

- Galvanized steel sheet profiles used in the construction of gypsum board partition walls, wall lining systems and suspended ceiling systems.

**AREA OF APPLICATION**

-Wall lining and suspended ceiling construction by screwing gypsum boards to one face,
-Non-load-bearing partition wall construction by screwing gypsum boards to both faces,
-Wall lining construction by screwing gypsum boards to one face.

**FEATURES**

-Coated with zinc using the hot-dip galvanizing method for protection against corrosion.
-Manufactured by the cold forming method.
-Long service life.
-The galvanized coating is Z100, i.e. 100 g/m2, for all profiles.

**APPLICATION**

**-Ceiling U Profile; used to form the metal load-bearing frame in interior gypsum board, wall lining and suspended ceiling applications. In suspended ceiling construction, it is screwed to the wall at the suspended ceiling level, serving both as a level marker and a leveling reference. In wall lining construction, it is applied where the system meets the floor and ceiling.**

-Ceiling C Profile; used to form the metal load-bearing frame in interior gypsum board, wall lining and suspended ceiling applications. In suspended ceiling construction, one side is inserted into the ceiling U profile, forming the main load-bearing system or the screwing surface underneath. In wall lining construction, it is inserted between the ceiling U profiles, and gypsum board is screwed to one face of the profile.

-Wall U Profile; used to form the metal load-bearing frame in interior partition wall, wall lining and shaft wall applications. It is applied where the system meets the floor and ceiling. In partition wall construction, gypsum board is screwed to both faces of the profiles, while in wall lining construction it is screwed to one face of the profile.

- Wall C Profile; used to form the metal load-bearing frame in interior partition wall, wall lining and shaft wall applications. It is installed by inserting it between the wall U profiles. In partition wall construction, it is inserted between the wall U profiles and gypsum board is screwed to both faces of the profiles, while in wall lining construction gypsum board is screwed to one face of the profile.

**TECHNICAL SPECIFICATIONS**

| | **Ceiling C - profile (TC)** | | | | | | | | | | **Ceiling U - profile (TU)** | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Length | 3 m | | | 4 m | | | | | | | 3 m | | | | | | | |
| Base Width | 60 mm | | | | | | | | | | 28 mm | | | | | | | |
| Flange Height | 27 mm x 27 mm | | | | | | | | | | 27 mm x 27 mm | | | | 24 mm x 24 mm | | | |
| Thickness (mm) | 0.5 | | | 0.6 | | | | | | | 0.5 | | 0.6 | | 0.5 | | | |
| Unit weight (kg/m2) | 0.45 | | | 0.55 | | | | | | | 0.29 | | 0.35 | | 0.27 | | | |
| | **Wall C - profile (DC)(3)** | | | | | | | | | | **Wall U - profile (DU)** | | | | | | | |
| Length | 2.7 m - 2.8 m - 3 m | | | | | | | | | | 3 m | | | | | | | |
| Profile Type | DC 50 | | | DC 75 | | | DC 100 | | DC 125 | DC 150 | DU 50 | | DU 75 | | DU 100 | | DU 125 | DU 150 |
| Base Width (mm) | ~49 | | | ~74 | | | ~99 | | ~124 | ~149 | 50 | | 75 | | 100 | | 125 | 150 |
| Flange Height | 47x47 | 42x42 | 35x35 | 47x47 | 42x42 | 35x35 | 47x47 | 35x35 | 47x47 | 47x47 | 38x38 | 30x30 | 38x38 | 30x30 | 38x38 | 30x30 | 38x38 | 38x38 |
| Thickness (mm) | 0.5-0.6 | 0.5-0.6 | 0.5 | 0.5-0.6 | 0.5-0.6 | 0.6 | 0.6 | | 0.6 | 0.6 | 0.5 - 0.6 | 0.5 | 0.5 - 0.6 | 0.5 | 0.5 - 0.6 | 0.5 | 0.6 | 0.6 |
| Unit weight (kg/m2) | 0.55-0.67 | 0.51-0.63 | 0.46 | 0.64-0.78 | 0.61 - 0.74 | 0.55 | 0.9 | 0.78 | 1 | 1.12 | 0.46-0.56 | 0.4 | 0.55 - 0.67 | 0.49 | 0.64 - 0.78 | 0.58 | 0.9 | 1 |

**PACKAGING**

-12 profiles per bundle

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