

## Substructure double stud frame



The double metal stud frame of the HT wall system is fitted as a non-load-bearing interior wall. This system is used for walls with more than 250 mm finished wall thickness. Fitting is carried out using vertical C-profile supports which are screwed to the floor rails at the distance of the grid or according to the outline drawing. Standard height is 4 m, grid spacing up to 1.25 m. The connection to the bare ceiling is seamless and it ab-

sorbs a ceiling deflection of 2 cm. In the stud frame mineral wool is added depending on the fire and sound insulation requirements. Cross beams between the vertical profile supports are used for the fixing of additional installations. Openings for doors and windows are taken into account already during the planning and building phase.

### Dimensions

Building shell height	standard up to 4000 mm
Profile supports	C-profile 40 x 60 x 2 - 40 x 100 x 2 mm
Floor and ceiling rail	U-profile 60 x 60 x 1.5 mm
Grid spacing	max. 1250 mm

### Technical data

Profile supports	galvanised sheet steel C-profile; the side and lower connections are rigid; the upper connection to the bare ceiling is sling
Floor and ceiling rail	galvanised sheet steel U-profile; the floor rail must be leveled to the screed/ bare floor

### Special fittings, supplementary items

Cross beams	galvanised sheet steel C-profile for the fixing of additional installations to the building structure
Mineral wool	60 mm thick; for increased noise protection regulations

