

**Substructure single stud frame**

GMP

BSL-2

BSL-3



The single metal stud frame of the HT wall system is fitted as a non-load-bearing facing formwork in front of the on-site wall or as a non-load-bearing interior wall. 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. The profile lengths gets fitted to the building shell height and it's standard is 4 m, grid spacing up to 1.25 m. The connection

to the bare ceiling is seamless and absorbs a ceiling deflection of 2 cm. Mineral wool is added in the stud frame depending on the sound insulation requirements. Cross beams between the vertical profile supports are used for the fixing of heavy installations. Openings for doors and windows are taken into account already during the planning and building phase. The substructure is designed for the requirements of laboratories.

**Dimensions**

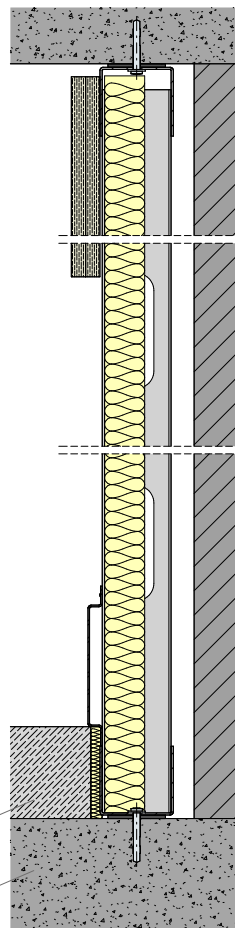
Profile length	standard up to 4000 mm
Profile supports	C-profile 40 x 60 x 2 - 40 x 110 x 2 mm
Floor and ceiling rail	U-profile 60 x 60 x 1.5 - 110 x 60 x 1.5 mm
Grid spacing	max. 1250 mm

**Technical data**

Profile supports	galvanized sheet steel C-profile, lateral and lower connection rigid, upper connection sliding to raw ceiling
Floor and ceiling rail	galvanized sheet steel U-profile is screwed to the screed/raw floor or raw ceiling
Joint profile	galvanized sheet steel profile, optionally stainless steel, must be leveled to the building level

**Special fittings, supplementary items**

Cross beams	galvanized sheet steel C-profile for the fixing of heavy installations to the building structure
Mineral wool	60 mm strong, for increased noise protection regulations
Plasterboard bulkead	consists of one or two layers of 12.5 mm plasterboard for increased sound insulation

**Installation on bare floor****Installation on screed**