

## SYSTEM DATASHEET

### High wall SD - 2x12,5 GKB A + GKF DF/CW 100/400 W




on a structure of CW 100 and UW 100 profiles with 400 mm spacing, hybrid, double sheathing with GKB type A boards, thickness: 12.5 mm and Type DF GRP with a thickness of 12.5 mm, with optional mineral wool filling



## Partition wall components

1. Norgips S GKB type A plasterboards of 12.5 mm thickness 12.5 mm
2. Norgips S GKF type DF gypsum plasterboard , thickness: 12.5 mm
3. Norgips CW 100 profiles, max. axial spacing every 400 cm
4. Norgips UW 100 profiles mounted on horizontal load-bearing elements
5. Norgips sealing tape, width 100 mm
6. Norgips 3.5 x 25 mm sheet metal screws, max. spacing every 75 cm
7. Norgips 3.5 x 35 mm sheet metal screws, max. spacing every 25 cm
8. Steel dowels, min. Ø 6 x 40 mm, max. spacing every 80 cm
9. Openings in studs for installation wires
10. Norgips Start & Finish ready-made joint compound or Norgips Start gypsum joint compound
11. Norgips reinforcing tape
12. Ready-made joint compound Norgips Extra Finish, ready-made joint compound Norgips Start & Finish, gypsum joint compound Norgips Finish
13. Optional mineral wool

## Technical data

 Fire resistance class EI 30 <sup>1)</sup>	 Max height 7.7 m <sup>2)</sup>
 Wall mass 38 kg/m <sup>2</sup> <sup>3)</sup>	

The above-mentioned parameters apply to a partition made of sheet metal profiles with a thickness of 0.6 mm. Prior to constructing a partition, select a method of joining it with a ceiling, depending on the designed sag. Permissible variants are defined in the fire classification no. 06041/15/R24NP.

- 2)** The stated heights apply to constructions with a profile spacing of 400 mm. The stated heights apply to rooms where only a few persons are present simultaneously (e.g. rooms in flats, hotels, hospitals). In rooms where a large number of persons are present simultaneously (e.g. conference rooms, classrooms, lecture halls), the permissible height is 7.1 m.
- 3)** The weight specified does not include the insulation material weight.
- 1)** Classification report 004.BO.20.K

## Standard

☆☆☆ SUPER

It provides a very stable building with the highest fire resistance, sound insulation and hardness.



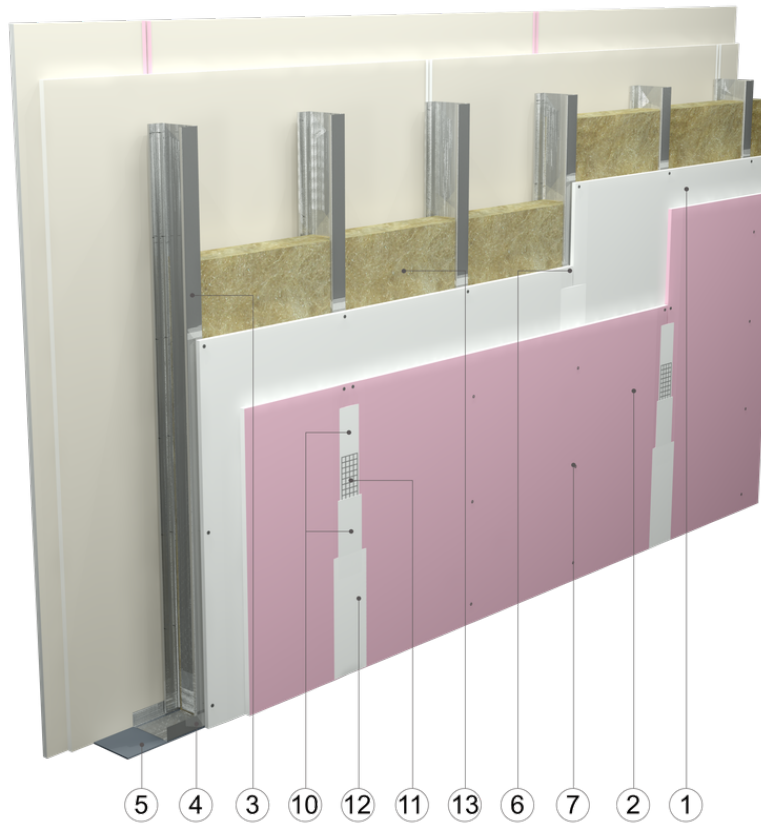


Fig. 1. Partition wall view

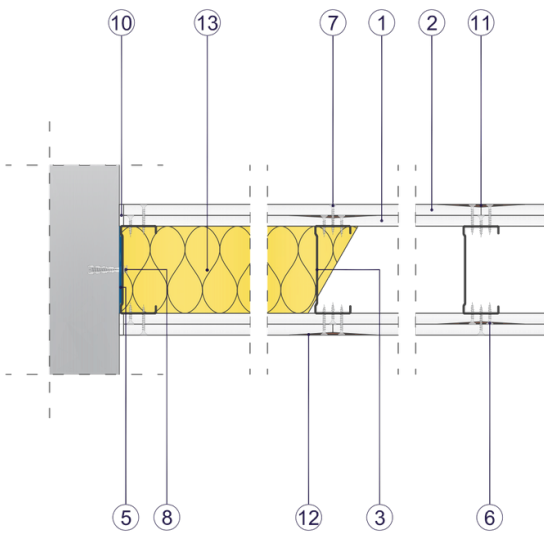


Fig. 2. Partition wall horizontal section

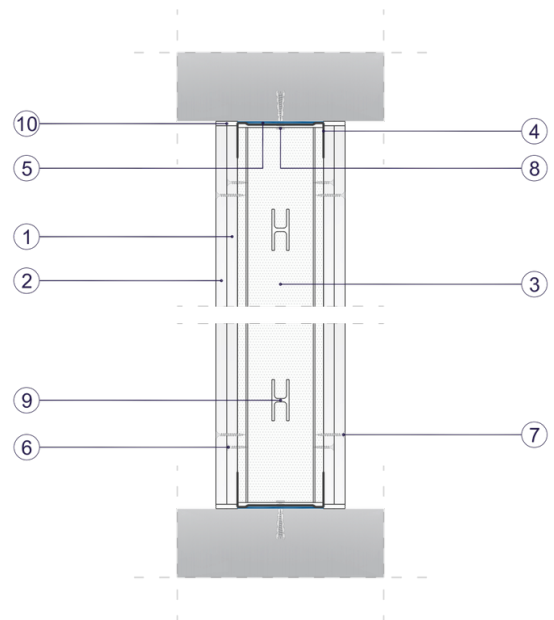


Fig. 3. Partition wall vertical section