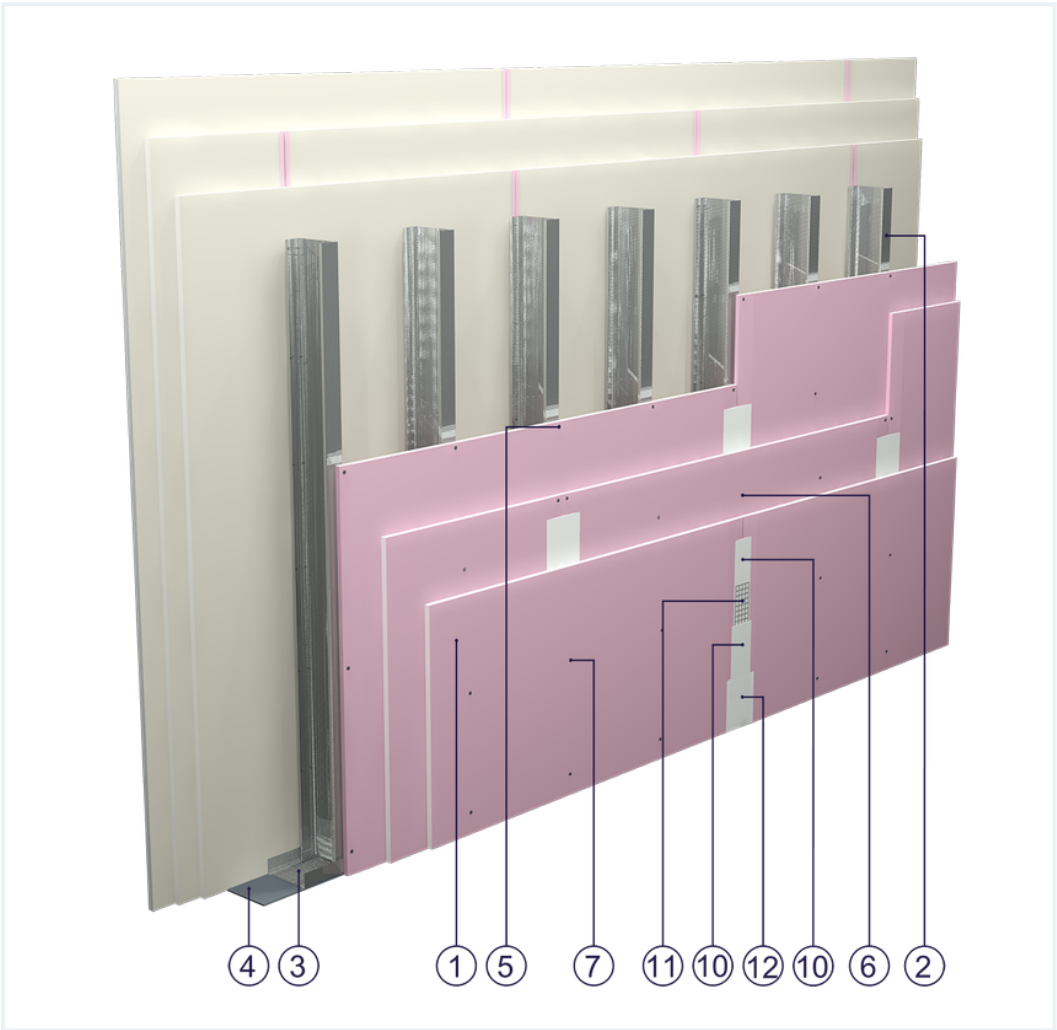
NORGIPS®

SYSTEM DATASHEET

High wall SD - 3x12,5 GKF DF/CW 100/300 (W)

on a structure made of CW 100 and UW 100 profiles with 300 mm spacing, triple sheathing with DF-type GKF boards, thickness: 12.5 mm, with optional mineral wool filling



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Partition wall components

1. Norgips S GKF type DF gypsum plasterboard , thickness: 12.5 mm
2. Norgips CW 100 profiles, max. axial spacing every 300 cm
3. Norgips UW 100 profiles mounted on horizontal load-bearing elements
4. Norgips sealing tape, width 100 mm
5. Norgips 3.5 x 25 mm sheet metal screws, max. spacing every 75 cm
6. Norgips 3.5 x 35 mm sheet metal screws, max. spacing every 50 cm
7. Norgips 3.5 x 55 mm sheet metal screws, max. spacing every 25 cm
8. Steel dowels, min. ∅ 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 120 [1)]

Max height
9.0 m [2)]

Wall mass
65 kg/m^2 [3)]

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.

1) Based on classification no. LBO-061-KZ/25E

2) The stated heights apply to constructions with a profile spacing of 300 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 7.8 m.

3) The weight specified does not include the insulation material weight.

Standard

SUPER

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

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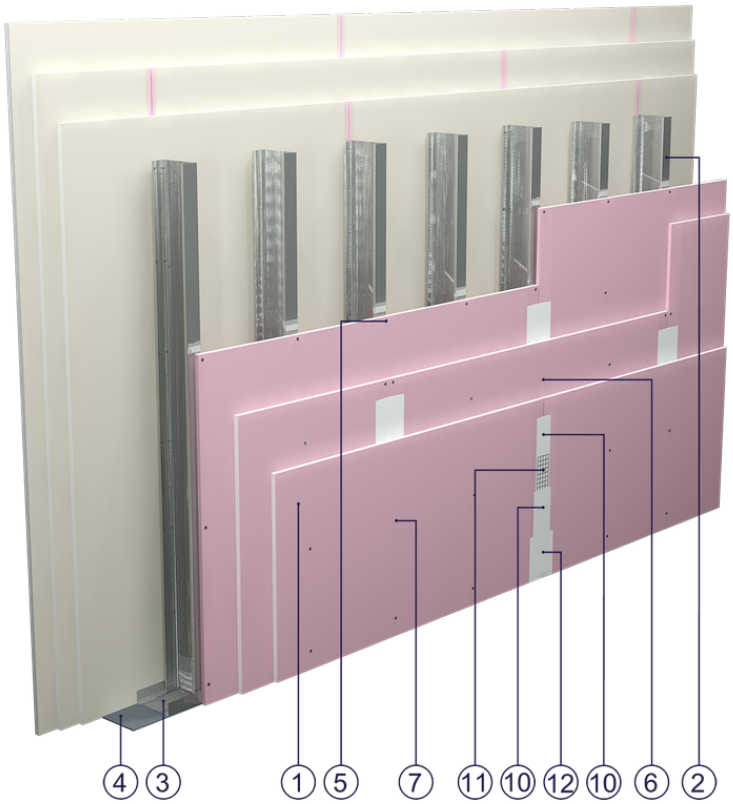

Fig. 1. Partition wall view

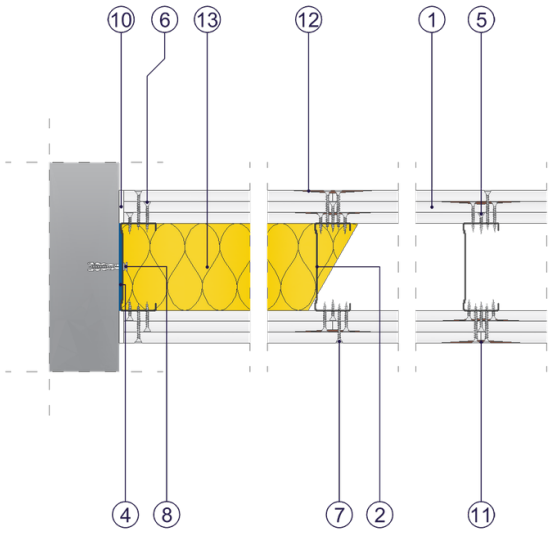

Fig. 2. Partition wall horizontal section

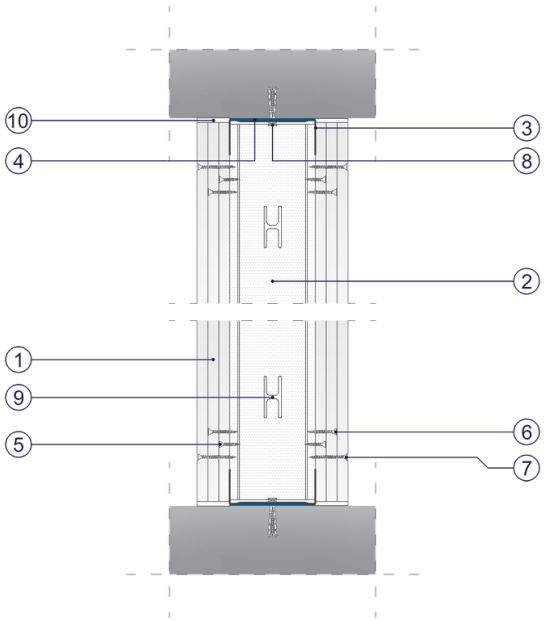

Fig. 3. Partition wall vertical section