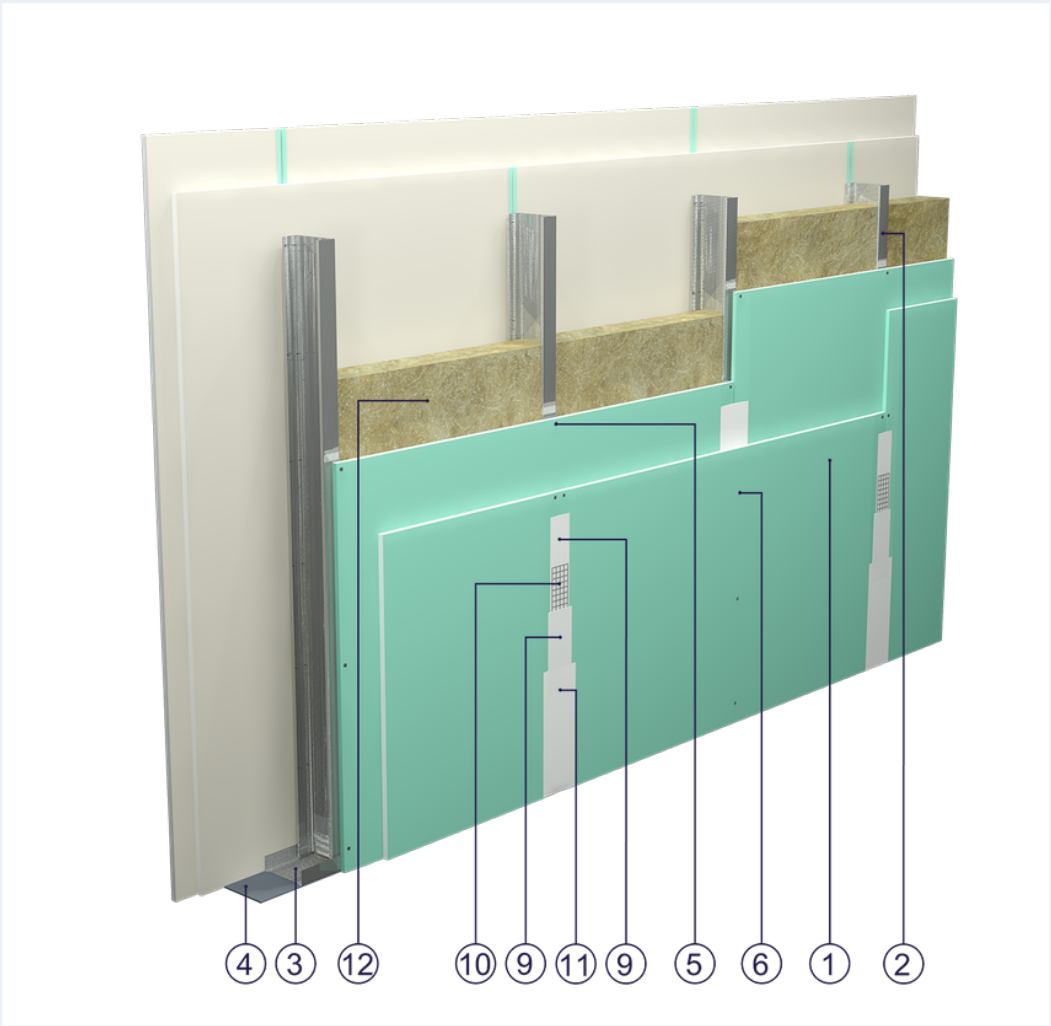
NORGIPS®

SYSTEM DATASHEET

Partition wall SD - 2x12,5 GKFI DFH2/CW 100 W

on a CW 100 and UW 100 profile structure, double with DFH2-type GKFI boards, thickness: 12.5 mm with mineral wool filling



Partition wall components

1. Norgips S GKFI type DFH2 gypsum plasterboard , thickness: 12.5 mm
2. Norgips CW 100 profiles, max. axial spacing every 60 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 25 cm
7. Fastening pins, min. ∅ 6 x 40 mm, max. spacing every 80 cm
8. Openings in studs for installation wires
9. Norgips Start & Finish ready-made joint compound or Norgips Start gypsum joint compound
10. Norgips reinforcing tape
11. Ready-made joint compound Norgips Extra Finish, ready-made joint compound Norgips Start & Finish, gypsum joint compound Norgips Finish
12. Mineral wool

NORGIPS®

Technical data

Fire resistance class
EI 120 [1) 2)]

Max height
6.5 m [1)]

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

Acoustic insulation
R_W=55 dB [4)] **R_{A1}=53 dB** [4)]

The above-mentioned parameters apply to a partition made of sheet metal profiles with a thickness of 0.55 and 0.6 mm.

1) The stated heights apply to constructions with a profile spacing of 600 mm. When a structure with profiles spaced every 300 or 400 mm is used, the permissible wall height increases. Contact system provider representatives for details. 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 5.4 m.

2) Na podstawie klasyfikacji nr LBO-060-KZ/25

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

4) Based on report no. LA00-06041/12/R02NA for 100 mm glass wool

Standard

★★★ SUPER

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

NORGIPS Sp. z o.o.
ul. Racławicka 50, 02-255 Warszawa

phone +48 605 338 181
norgipspolska@norgips.com

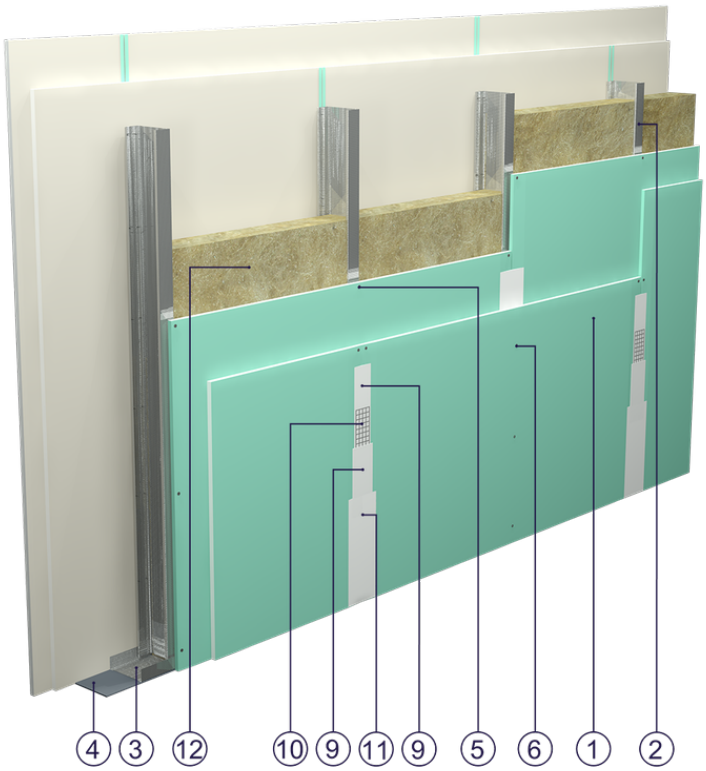


Fig. 1. Partition wall view

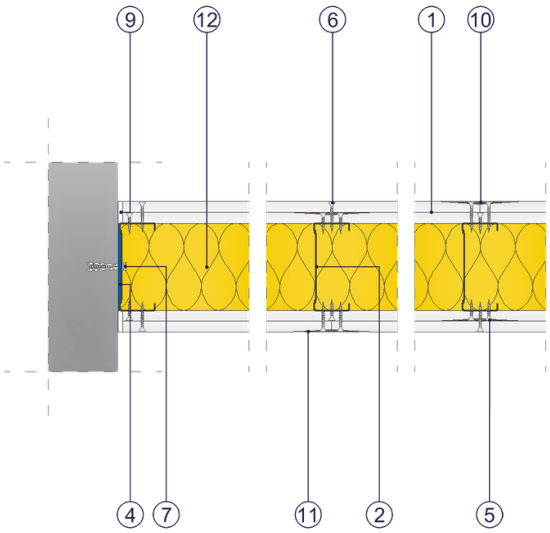


Fig. 2. Partition wall horizontal section

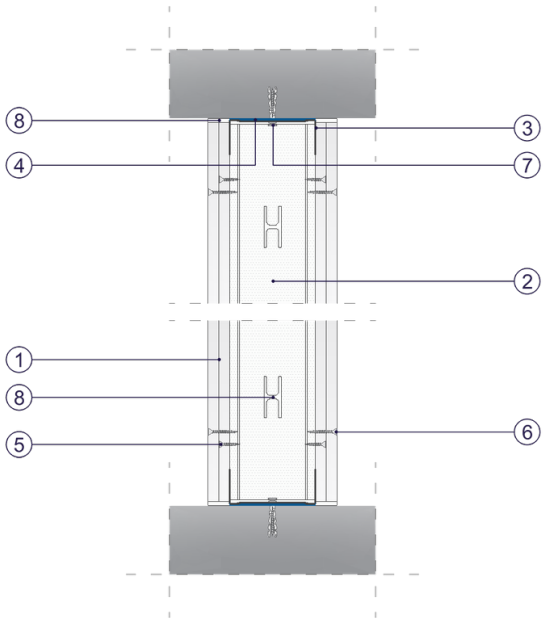


Fig. 3. Partition wall vertical section