

SYSTEM DATASHEET

Wall cladding OS - 2x12,5 DFH2IRE/CD 60 (W)






on a structure of CD 60 profiles, double with DFH2IR boards. 12.5 mm, with optional mineral wool filling



Wall cladding elements

1. Norgips S plasterboard type DFH2IR , thickness: 12.5 mm
2. Norgips CD 60 profiles, max. axial spacing every 60 cm ¹⁾¹⁾¹⁾¹⁾¹⁾¹⁾¹⁾
3. Profile Norgips UD 30
4. Norgips ES/ES Plus hangers, max. spacing every 120 cm
5. Optional Norgips sealing tape, width 30 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. Norgips 3.5 x 9.5 mm sheet metal screws with a self-tapping tip
9. Fastening pins, min. Ø 6 x 40 mm, max. spacing every 80 cm
10. Fastening pins, min. Ø 6 x 40 mm
11. Norgips Start & Finish ready-made joint compound or Norgips Start gypsum joint compound
12. Norgips reinforcing tape
13. Ready-made joint compound Norgips Extra Finish, ready-made joint compound Norgips Start & Finish, gypsum joint compound Norgips Finish
14. Optional mineral wool ²⁾²⁾²⁾²⁾²⁾²⁾²⁾

Technical data

 Fire resistance class EI 30 ³⁾	 Max height 12.0 m
 Wall mass 25 kg/m ²	 Cladding mass 25 kg/m ² ⁴⁾
 Acoustic insulation $\Delta R_w = \text{up to } 12 \text{ dB}$ ⁵⁾	

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

- 1) If profiles are used in the horizontal orientation, their maximum profile axial spacing must be decreased to 500 mm. Moreover, the material consumption must be corrected using the calculator.
- 2) As regards partitions separating environments of various temperature levels, application of wall claddings with mineral wool must be preceded with an analysis of thermal and humidity conditions. Such an analysis may result in the necessity to apply a vapour resistant foil.
- 3) Based on classification no. LBO-070-KZ/20
- 4) The weight specified does not include the insulation material weight.
- 5) Estimated increase in acoustic insulation effectiveness on the basis of the DIN 4109 standard

Standard

☆☆☆ SUPER

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



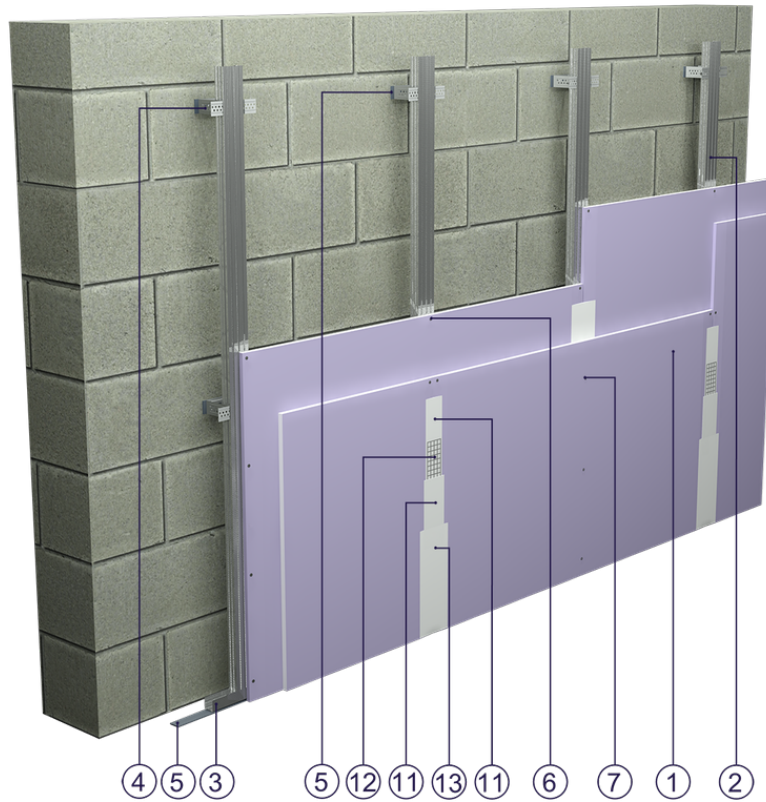


Fig. 1. Wall cladding view

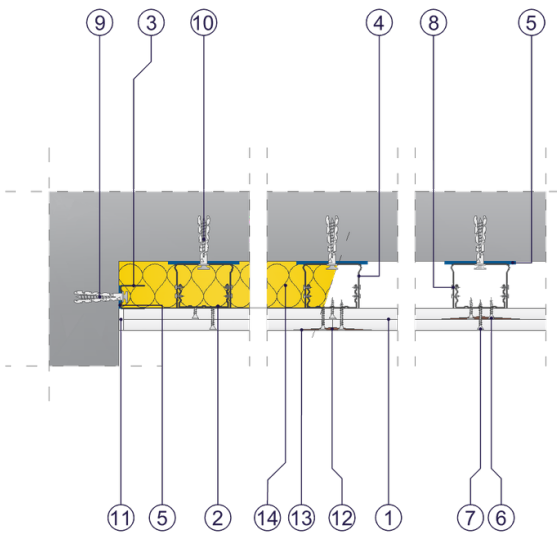


Fig. 2. Wall cladding horizontal section

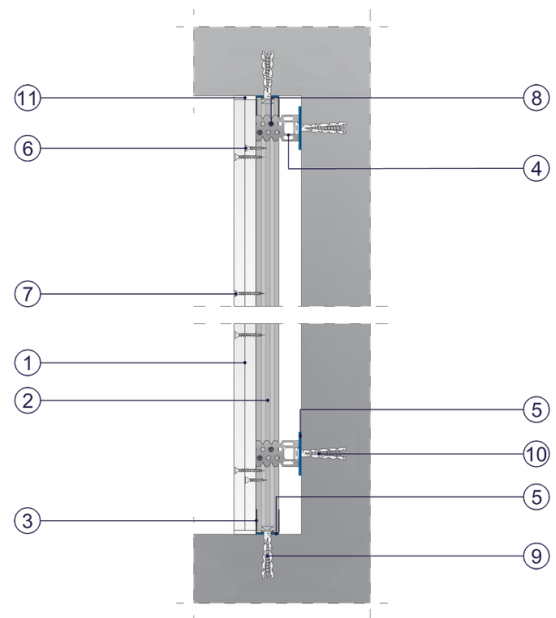


Fig. 3. Wall cladding vertical section