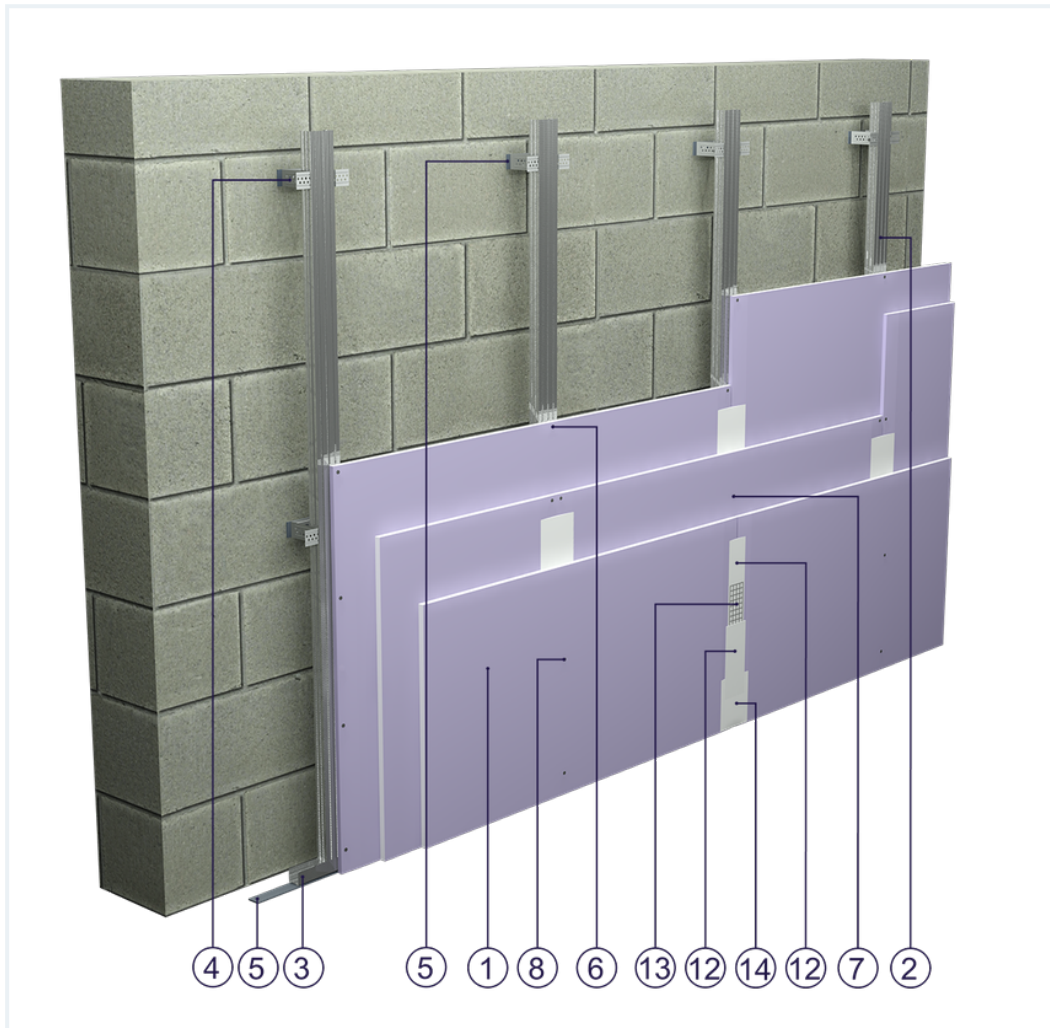


SYSTEM DATASHEET

Wall cladding OS - 3x12,5 DFH2IRE/CD 60 (W)


on a structure of CD 60 profiles with triple 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⁾
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 75 cm
8. Norgips 3.5 x 55 mm sheet metal screws, max. spacing every 25 cm
9. Norgips 3.5 x 9.5 mm sheet metal screws with a self-tapping tip
10. Fastening pins, min. \varnothing 6 x 40 mm, max. spacing every 80 cm
11. Fastening pins, min. \varnothing 6 x 40 mm
12. Norgips Start & Finish ready-made joint compound or Norgips Start gypsum joint compound
13. Norgips reinforcing tape
14. Ready-made joint compound Norgips Extra Finish, ready-made joint compound Norgips Start & Finish, gypsum joint compound Norgips Finish
15. Optional mineral wool ²⁾²⁾²⁾²⁾²⁾²⁾

Technical data

 Fire resistance class EI 60 ³⁾	 Max height 12.0 m
 Wall mass 37 kg/m ²	 Cladding mass 37 kg/m ² ⁴⁾
 Acoustic insulation ΔR_w =up to 12 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.



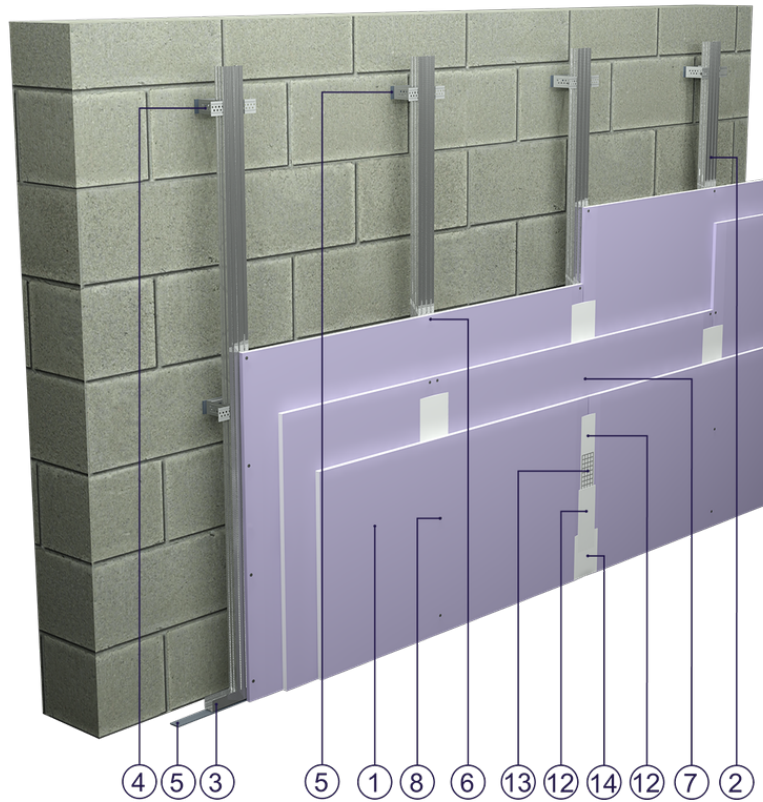


Fig. 1. Wall cladding view

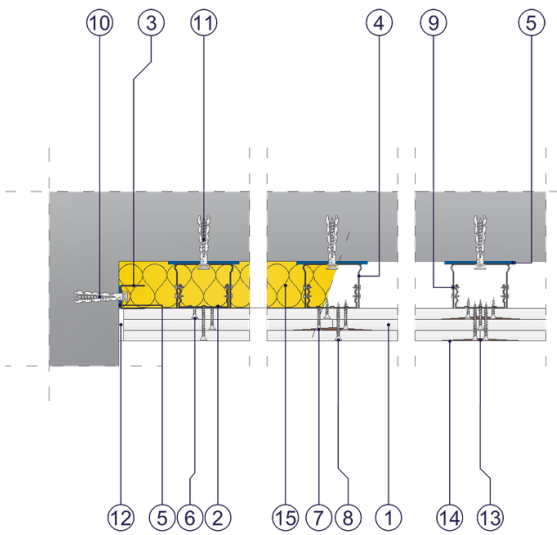


Fig. 2. Wall cladding horizontal section

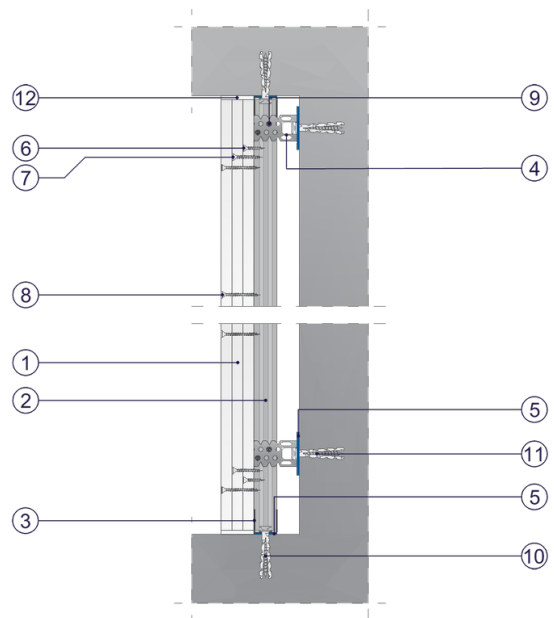


Fig. 3. Wall cladding vertical section