

SYSTEM DATASHEET

Suspended ceiling SP - 2x12,5 DFH2IRE/CD 60, ES

on a two-level grid made of CD 60 profiles mounted on ES/ES Plus hangers, with double DFH2IR boards, thickness: 12.5 mm



Suspended ceiling elements

1. Norgips S plasterboard type DFH2IR , thickness: 12.5 mm
2. Norgips CD 60 profiles for load-bearing layer, axial spacing every 40 cm
3. Norgips CD 60 profiles for upper layer, axial spacing every 100 cm
4. Profile Norgips UD 30
5. Optional Norgips sealing tape, width 30 mm
6. Norgips cross connectors
7. Norgips crosswise connectors
8. Norgips ES/ES Plus hangers, max. spacing every 85 cm
9. Norgips 3.5 x 25 mm sheet metal screws, max. spacing every 40 cm
10. Norgips 3.5 x 35 mm sheet metal screws, max. spacing every 17 cm
11. Norgips 3.5 x 9.5 mm sheet metal screws with a self-tapping tip
12. Fastening pins, min. Ø 6 x 40 mm, max. spacing every 80 cm
13. Steel dowels, min. Ø 6 x 40 mm
14. Norgips Start & Finish ready-made joint compound or Norgips Start gypsum joint compound
15. Norgips reinforcing tape
16. Ready-made joint compound Norgips Extra Finish, ready-made joint compound Norgips Start & Finish, gypsum joint compound Norgips Finish

Technical data



Fire resistance class
EI 45 ¹⁾



Lining weight
26 kg/m² ²⁾

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

In the SP - 2x12.5 DFH2IR/CD 60. ES system, the use of profiles made from sheet metal with a thickness of 0.5 mm is not allowed.

If a partition separates environments of various temperature levels, possible application of an insulating material must be preceded with an analysis of thermal and humidity conditions. Such an analysis may result, e.g. in the necessity to apply a vapour resistant foil.

1) Based on classification no. LBO-786-K/22

2) 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. Increased moisture resistance.



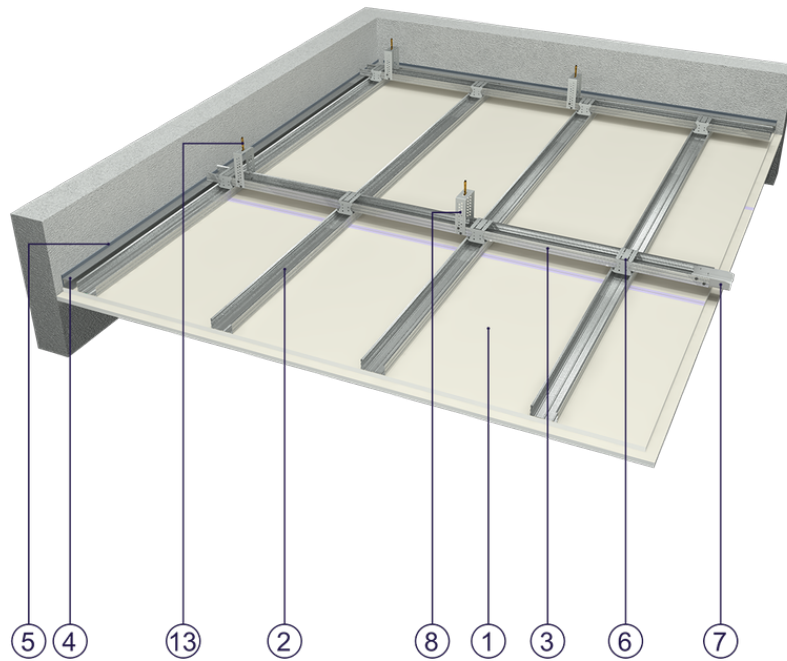


Fig. 1. Suspended ceiling view

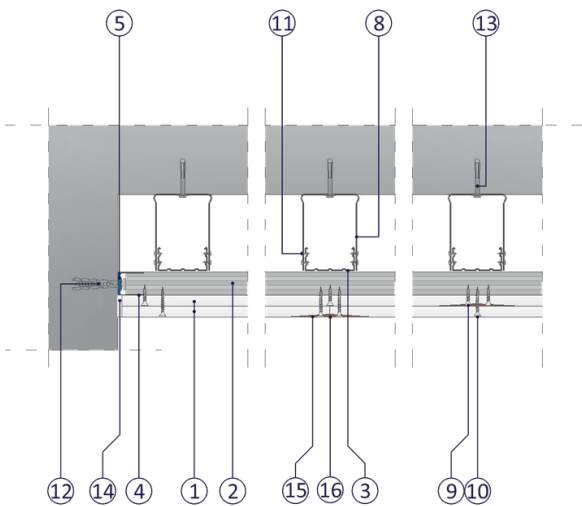


Fig. 2. Suspended ceiling horizontal section

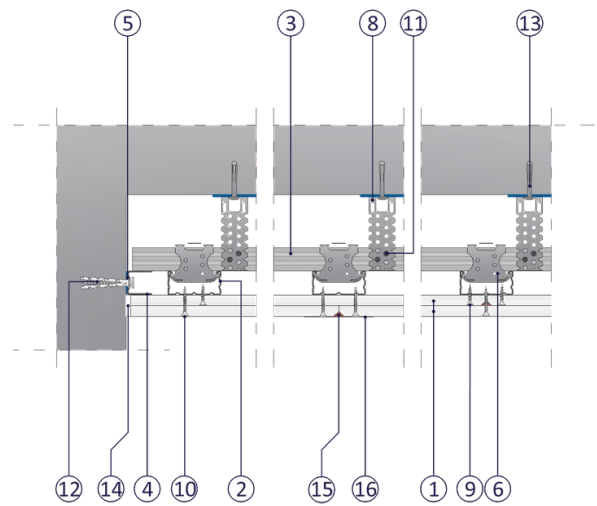


Fig. 3. Suspended ceiling vertical section