

DF-CS-H

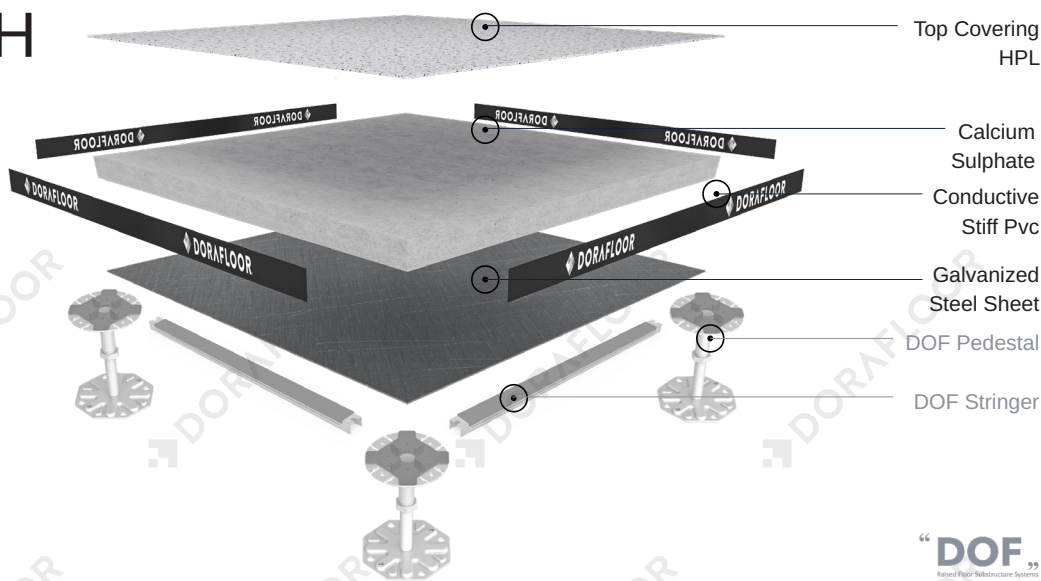
HPL Covered Calcium Sulphate Core Panels

HPL covered calcium sulphate core panels are produced with top HPL covering, bottom galvanized steel with PVC edges. Since it is produced A1 class fire resistance material it is used in project which fire resistance is required, technical spaces such as LV/MV rooms and data centers. Our panels produced according to EN 12825 standard. Panels have antistatic feature and suitable for use in buildings with a green buildings certificate.

Offices, data centers, hospitals, laboratories, airports, educational institutions, industrial facilities, retail stores, shopping malls, and conference halls.

It can be customized with high-quality HPL coatings in various patterns and features, adding aesthetics and functionality.

DF-CS-H



Advantages Of Calcium Sulphate Panels :

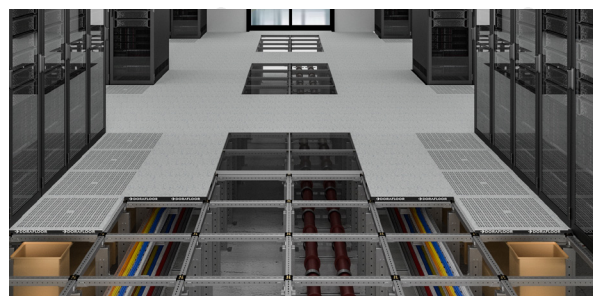
- High Load Capacity
- High Water Resistance
- Excellent Acoustic Values
- Environmentally Friendly and Recyclable
- EN 12825 Standards
- A1 Class Fire Resistance
- Aesthetic Variety
- Easy Installation and Removal

HPL Veneer Options:

DF-HPL.01



DF-HPL.02



System Sound Performance :

Airborne Insulation $D_{n,f,w}$ (C;Ctr) :45 dB
 Impact Insulation $L_{n,f,w}$ (CI) :66 dB
 Walking Sound Insulation L_w :55 dB

Panel Fire Performance :

Reaction :A1 Class according to EN 13501-1
 Resistance :REI90

DF-CS-H32 Panels :

Thickness & Weight :31,2 mm / ~ 17,8 - 18,1 kg
 Density :~ 1571,18 kg/m³
 Panel Size :600mm x 600mm x 31,2 mm
 Core Material :30 mm calcium sulphate core

DF-CS-H38 Panels :

Thickness & Weight :37,2 mm / ~ 19 - 20 kg
 Density :~ 1571,18 kg/m³
 Panel Size :600mm x 600mm x 37,2 mm
 Core Material :36 mm calcium sulphate core

System Performance :

Ultimate Load 31,2mm :in excess of 13.300 N
 Ultimate Load 37,2mm :in excess of 19.890 N

Concentrated Load 31,2mm :in excess of 4.450 N
 Concentrated Load 37,2mm :in excess of 6.630 N

Type	Core Thickness	Concentrated Load (deflection = 2 mm)			Impact Load	Ultimate Load	Uniform Load	Flatness	Vertical
		lb	N	kg					
DF-CS-H32	30/31,2	≥1000	≥4450	≥450	670	13300	23000	≤0,2	≤0,2
DF-CS-H38	36/37,2	≥1490	≥6630	≥670	790	19890	34400	≤0,2	≤0,2