

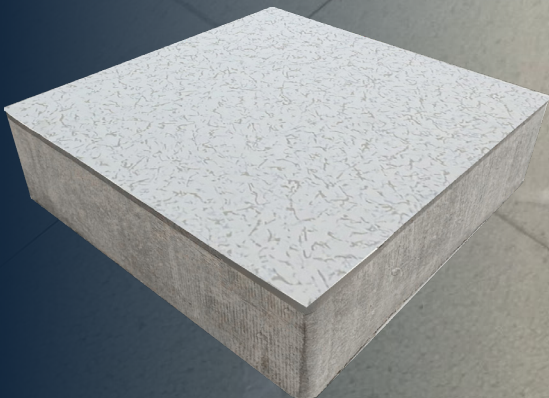
# DF-CS-P

## PVC Covered Calcium Sulphate Core Panels

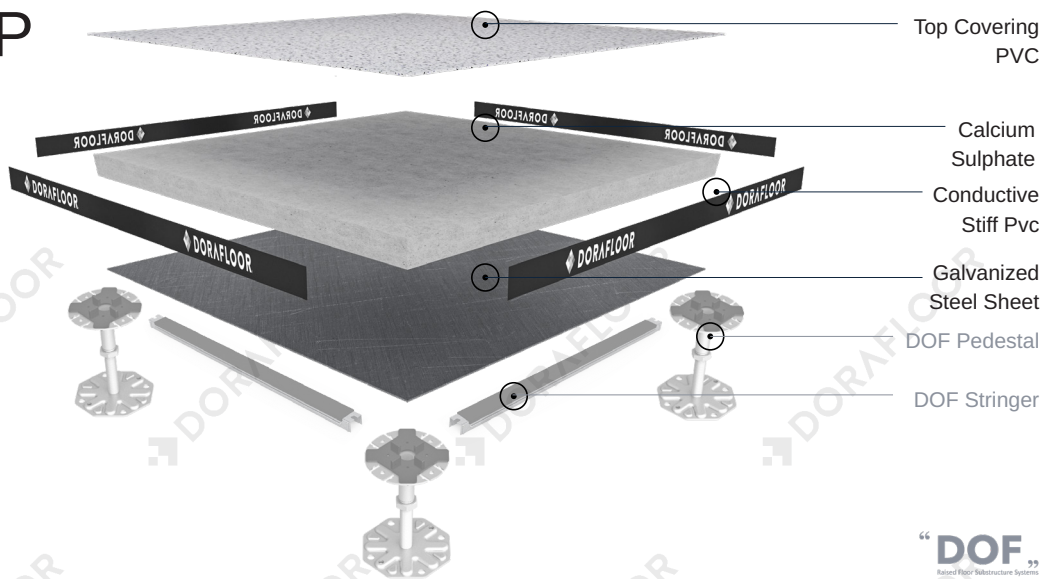
*PVC covered calcium sulphate core panels are produced with top PVC covering, bottom galvanized steel with PVC edges. Since it is produced A1 class fire resistance material it is used in project which fire resistance is required, technical spaces such as LV/MV rooms and data centers. Our panels produced 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 PVC coatings in various patterns and features, adding aesthetics and functionality.*



# DF-CS-P

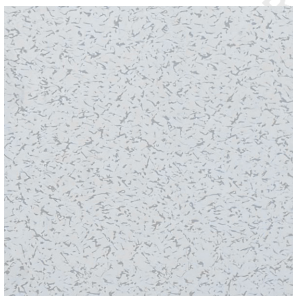


## Advantages Of Calcium Sulphate Panels :

- 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

## PVC Veneer Options:

DF-PVC.01



DF-PVC.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-P32 Panels :

Thickness & Weight : .....32 mm / ~ 17,5 - 18 kg  
 Density : .....~ 1562,50 kg/m<sup>3</sup>  
 Panel Size : .....600mm x 600mm x 32 mm  
 Core Material : .....30 mm calcium sulphate core

## DF-CS-P38 Panels :

Thickness & Weight : .....38 mm /~ 18,6 - 20,1 kg  
 Density : .....~ 1562,50 kg/m<sup>3</sup>  
 Panel Size : .....600mm x 600mm x 38 mm  
 Core Material : .....36 mm calcium sulphate core

## System Performance :

Ultimate Load 32mm : .....in excess of 13.300 N  
 Ultimate Load 38mm : .....in excess of 19.890 N

Concentrated Load 32mm : .....in excess of 4.450 N  
 Concentrated Load 38mm : .....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-P32	30/32	≥1000	≥4450	≥450	670	13300	23000	≤0,2	≤0,2
DF-CS-P38	36/38	≥1490	≥6630	≥670	790	19890	34400	≤0,2	≤0,2