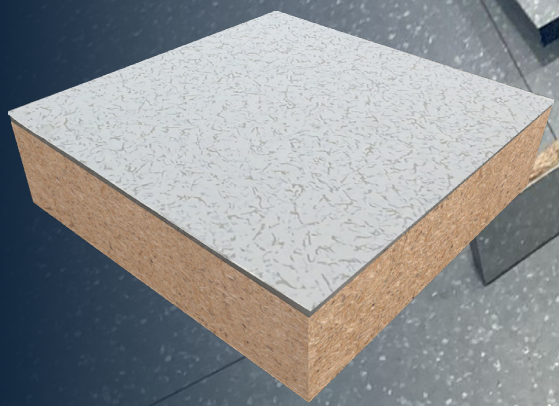
DF-W-P

PVC Covered
Wood Core Panel

PVC covered wood core panels are produced with top PVC covering, bottom galvanized steel with PVC edges. Since it is produced B1 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, 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.



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GENERAL CONTRACTING COMPANY

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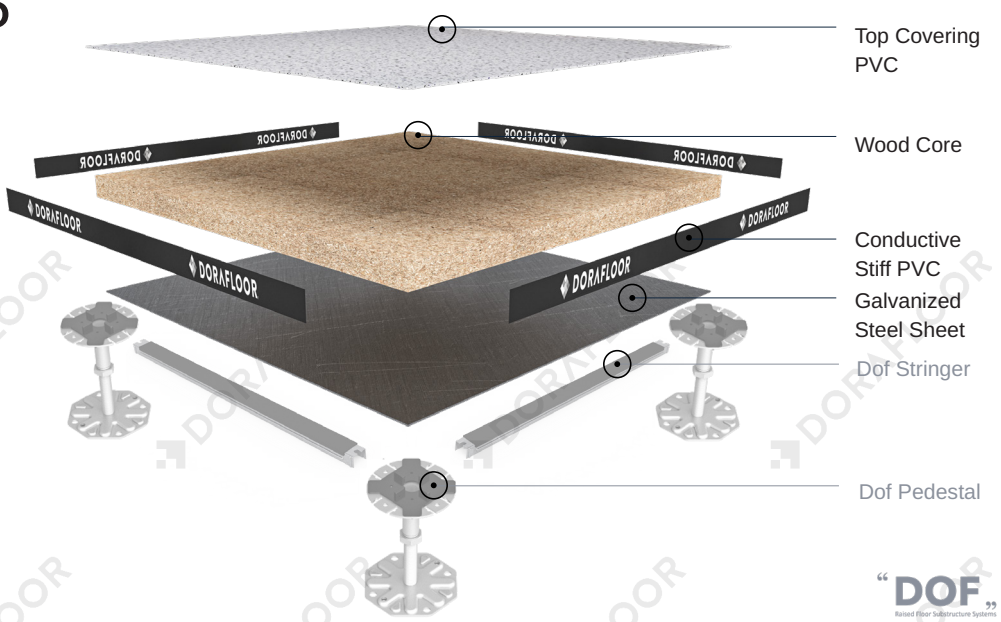


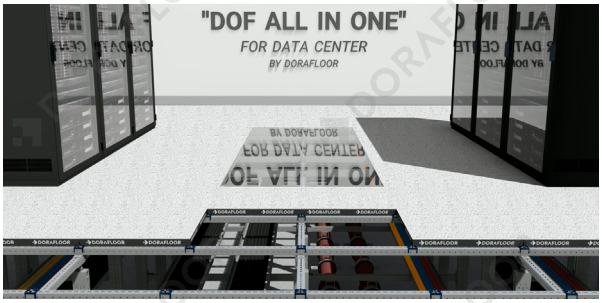
Advantage Of Wood Core Panels :

- A Light and Environmental product
- Double Resistance
- Anti-static, Impact Sound Reduction
- Increased Load Capacity with Special Joint System
- EN 12825 Standards
- B1 Class Fire Resistance
- Aesthetic Variety

PVC Veneer Options:

DF-PVC.01

DF-PVC.02



System Sound Performance :

Airborne Insulation Dn,f,w (C;Ctr) : .....45 dB
Impact Insulation Ln,f,w (Cl) : .....66 dB
Walking Sound Insulation Lw : .....55 dB

Panel Fire Performance :

Reaction : .....B1 Class according to EN 13501-1
Resistance : REI60

DF-W-P32 Panels :

Thickness & Weight : .....32 mm / ~ 8 - 8.5 kg
Density : .....~ 737,84 kg/m³
Panel Size : .....600mm x 600mm x 32 mm
Core Material : .....30 mm chipboard

DF-W-P38 Panels :

Thickness & Weight : .....38 mm / ~ 9.5 - 10 kg
Density : .....~ 737,84 kg/m³
Panel Size : .....600mm x 600mm x 38 mm
Core Material : .....36 mm chipboard

System Performance :

Ultimate Load 32mm : .....in excess of 12.500 N
Ultimate Load 38mm : .....in excess of 14.050 N
Concentrated Load 32mm : .....in excess of 2.950 N
Concentrated Load 38mm : .....in excess of 3.310 N

Type	Core Thickness	Concentrated Load (deflection = 2 mm)			Impact Load	Ultimate Load	Uniform Load	Flatness	Vertical
	mm	lb	N	kg	N	N	N/m²	mm	mm
DF-W-P32	30/32	≥663	≥2950	≥300	445	8850	12500	≤0,2	≤0,2
DF-W-P38	36/38	≥745	≥3310	≥335	500	9950	14050	≤0,2	≤0,2