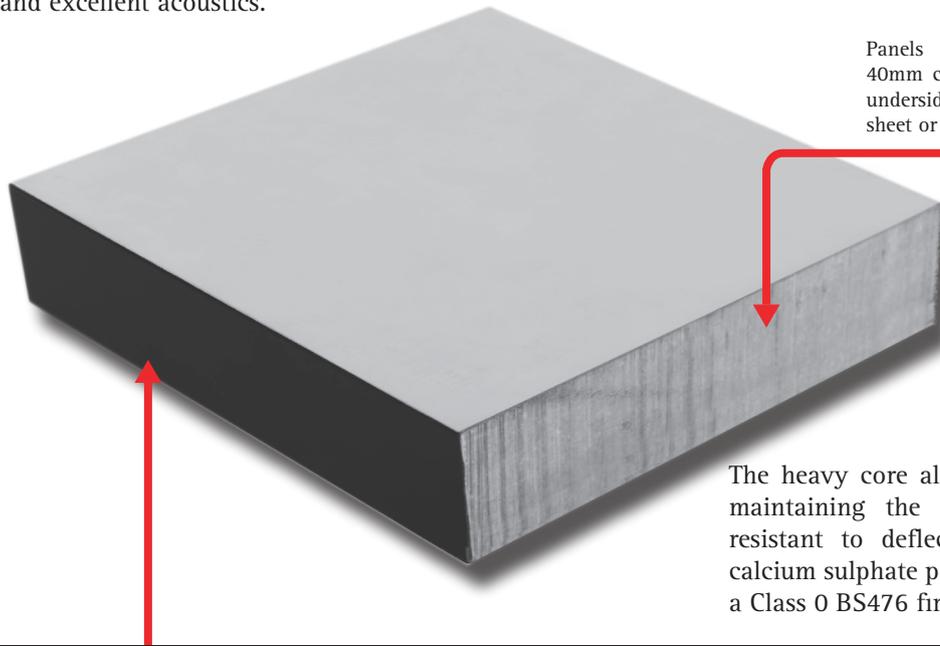


# RFT ALTERNATIVE SYSTEMS

## RFT CALCIUM SULPHATE PANEL PANEL

RFT manufactures calcium sulphate raised access floor panels. The main characteristics of this panel are its resistance to fire and humidity as well as its structural strength and excellent acoustics.



Panels are manufactured using 30mm to 40mm calcium compound board, whereby the underside surface is made of 0.5mm steel flat sheet or aluminum foil.

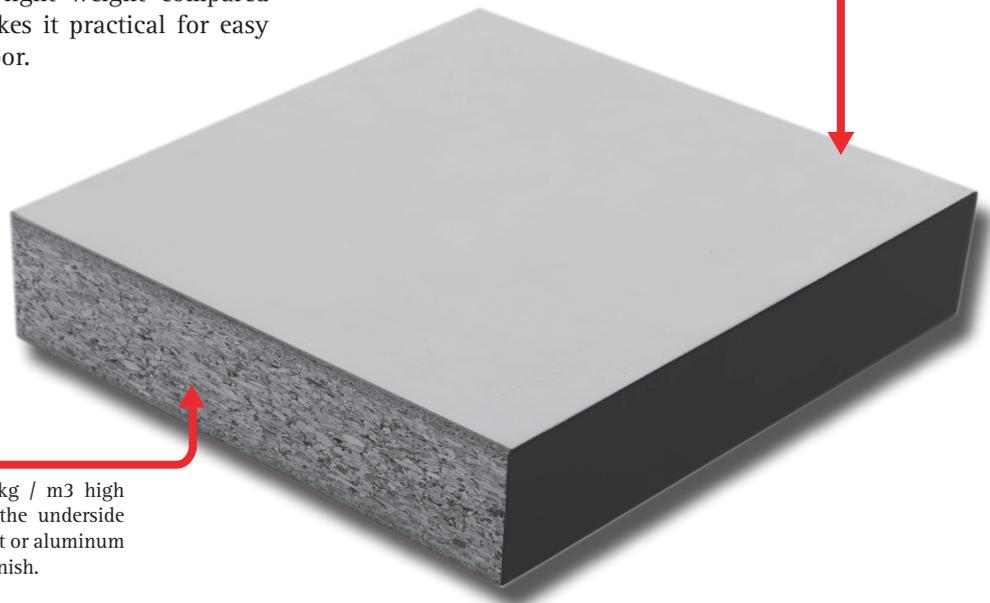
### CALCIUM CORE

The heavy core allows the panel to be gravity laid while maintaining the level of the floor, making it highly resistant to deflection and not prone to skewing. The calcium sulphate panel is humidity resistant at 95% and has a Class 0 BS476 fire rating.

The panel is protected along the borders against humidity and damage with a conductive ABS trim that also prevents the factory finishes from chipping at the edges.

## RFT WOODCORE PANEL

The main characteristic of the woodcore raised access floor panel manufactured by RFT is its light weight compared to its structural strength, which makes it practical for easy installation and access to the sub-floor.

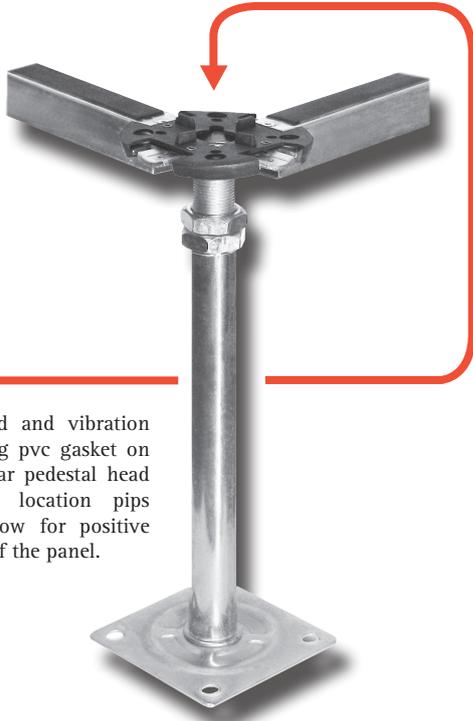


### HDP WOOD CORE

Panels are manufactured using 780kg / m<sup>3</sup> high density particle board (HDP), with the underside surface made of 0.5 mm steel flat sheet or aluminum foil, with several options for panel finish.

While the galvanised steel flat sheet contributes only marginally to the structural strength of the panel, it does protect it against moisture and corrosion from underneath.

## DOUBLE NUT STRINGER GRID



The sound and vibration dampening pvc gasket on the circular pedestal head has four location pips which allow for positive location of the panel.

The available understructure for Calcium Sulphate and Woodcore panels is the Double Nut Stringer Grid System. This understructure is made of electro-galvanized steel for standard heights and polyester powder coated and galvanized steel combinations for heavy duty applications and heights.

Pedestal base is glued directly onto the concrete sub-floor. Stringers, when used, are mechanically fastened onto the pedestal head to provide a monolithic frame onto which panels are gravity laid. The pedestal head is fitted with a self-extinguishing gasket that greatly improves the acoustic and underfoot feel of the system. Usage of stringers depends on height and performance requirement of the system. The available finished floor height can range from 100mm to 2000mm.

**The Gasket**  
The circular head is fitted with a black pvc gasket housing four in-built copper pins to ensure electrical continuity.

**Adjustment**  
A threaded rod with two anti-vibration locking nuts allows for ±25mm height adjustment.

**STRINGERS**  
Stringers are made of 25 x 25 x 1mm electro-galvanised steel tubes and are mechanically fixed to the pedestal head.

**Pedestal Base Plate**  
The tube is press formed onto the pedestal base for excellent overturning moment performance and interface cleanliness.