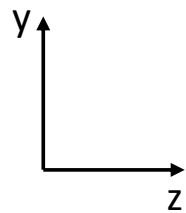


FT Sandwich structure (2015)



Total thickness in z = 41.7 mm
 Total height in y = 4850 mm
 Total width in x = 528mm + 1mm
 module air gap spacing

Core (each)
 $\rho = 32 \text{ kg/m}^3$
 $\Delta z = 19.8\text{mm}$
 $\Delta y = 4486\text{mm}$
 $\Delta x = 528\text{mm}$

Endplug (each)
 $\rho = 2700 \text{ kg/m}^3$
 $\Delta y = 122 \text{ mm}$
 $\Delta z = 19.8 \text{ mm}$
 $\Delta x = 528\text{mm}$

CF-
 Skin+Glue (each side)
 $\rho = 1390 \text{ kg/m}^3$
 $\Delta y = 4686 \text{ mm}$
 $\Delta z = 0.200+0.200 \text{ mm}$
 $\Delta x = 528\text{mm}$

SciFibre
 $\rho = 1180 \text{ kg/m}^3$
 $\Delta y = 4850 \text{ mm}$
 $\Delta z = 1.3 \text{ mm}$
 $\Delta x = 523.2\text{mm}$

Endpiece (each)
 $\rho = 1200 \text{ kg/m}^3$
 $\Delta y = 30 \text{ mm}(\text{top+bot})$
 $\Delta z = 2.0 \text{ mm}$
 $\Delta x = 523.2\text{mm}$

