

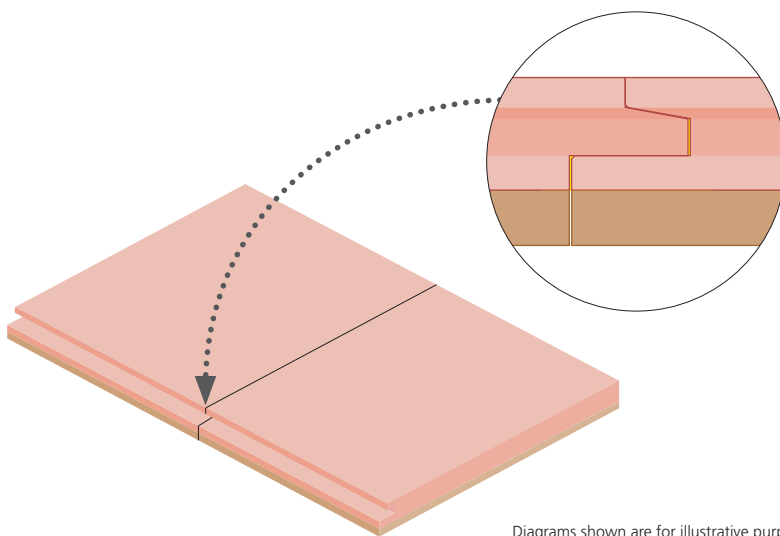
# Smartfloor 28WF

## Supported floor panel

### Technical Data Sheet

Smartfloor 28WF is a medium density gypsum fibre panel bonded to a wood fibre layer to provide excellent impact & airborne acoustic performance. Engineered with Drop & Slot edges for ease of installation requiring just Single Layer Joint Adhesive to create a monolithic robust surface: No screws required.

Smartfloor panels require full support over a flat stable substrate. Suitable for most finishes including small format ceramics  
(For stone floors see the Smartspan range)



Diagrams shown are for illustrative purposes only

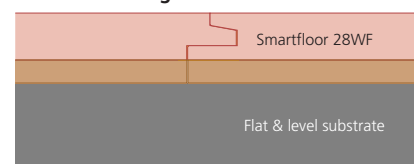
#### FEATURES and BENEFITS

- 28mm overall thickness
- Drop & Slot profile
- High acoustic performance
- Easy to install
- Easy to cut and work
- Can accept direct bonded ceramic finish
- Can take light traffic after 4 hours. Fully loaded after 24 hours.

#### TECHNICAL DATA

Density of gypsum layer	1100 - 1200 kg/m <sup>3</sup>
Dimensions	1200 x 600 x 28mm (18mm + 10mm)
Sheet weight	16 - 17.4 kg
Mass per m <sup>2</sup>	22.3 - 24.1 kg
Surface hardness acc.	Brinell ≥20 N/mm <sup>2</sup>
Pull off bond strength	≥0.6 N/mm <sup>2</sup>
Expansion/Shrinkage	Changing air humidity at 20°C x 30% 0.6mm/m
Surface water absorption	(EN 20535) ≤300g/m <sup>2</sup>
Value of vapour diffusion resistance	μ17
Expansion of thickness after 24hours in water	0.5mm
Expansion/shrinkage by rise & fall temperature	0.02mm/(mk)
Conductivity of heat	0.38 AR W/(mk)

#### Straight to substrate



#### Onto Joist System

