Smartfloor 25 TG4

Supported floor panel

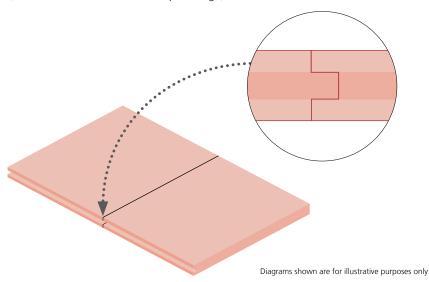


Technical Data Sheet

Smartfloor 25 TG4 is a medium density gypsum fibre panel engineered with Tongue and Groove 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.

Smartfloor panels have excellent thermal conductivity making Smartfloor ideal over insulated floating under floor heating systems for all finishes including ceramics.

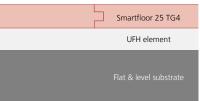
(For stone floors see the Smartspan range)



TECHNICAL DATA

Density	1100 - 1200 kg/m³
Dimensions	1200mm x 600mm x 25mm thick
Sheet weight	19.8 - 21.6 kg
Mass per m²	27.5 - 30.0 kg
Surface hardness acc.	Brinell ≥20 N/mm²
Pull off bond strength	≥0.6 N/mm²
Expansion/Shrinkage	Changing air humidity at 20°C x 30% 0.6mm/m
Surface water absorption	(EN 20535) ≤300g/m ²
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)
Reaction to Fire Classification	(EN 13501-1) A1





BENEFITS to UNDER FLOOR HEATING (UFH)

- Reduces clients running costs compared to most timber-based boards or wet screed when UFH feed by conventional heat source.
- Efficient & future proof for UFH feed from Ground Source & Air Source systems.
- · Reduced installation timetable for commissioning UFH system.
- Facilities management improved with easy repair & maintenance.
- High thermal conductivity = Low resistance to heat transfer.

OTHER FEATURES and BENEFITS

- 25mm thick
- Tongue and Groove profile
- · High acoustic performance
- · Easy to install
- Easy to cut and work
- Can accept direct bonded ceramic
- Can take light traffic after 4 hours. Fully loaded after 24 hours





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IMPORTANT: Directions for use are given for guidance only and are not intended to form part of any contract. They should be varied or adapted to suit your particular materials or conditions of use. It is strongly recommended that prospective users test a sample of the product under their own conditions to satisfy themselves of its suitability for the intended purpose. For the Pre Completion Testing route to compliance with the Building Regulations CMS Danskin Acoustics may provide site test evidence (where available) concerning the use of their product in a similar overall construction. Test evidence of a product passing minimum standards in one construction is not a of a product passing minimum standards in one construction is not a warranty or specification that the same product will meet the desired acoustic performance level in any other building. Such evidence can only be considered indicative and should not be relied upon.