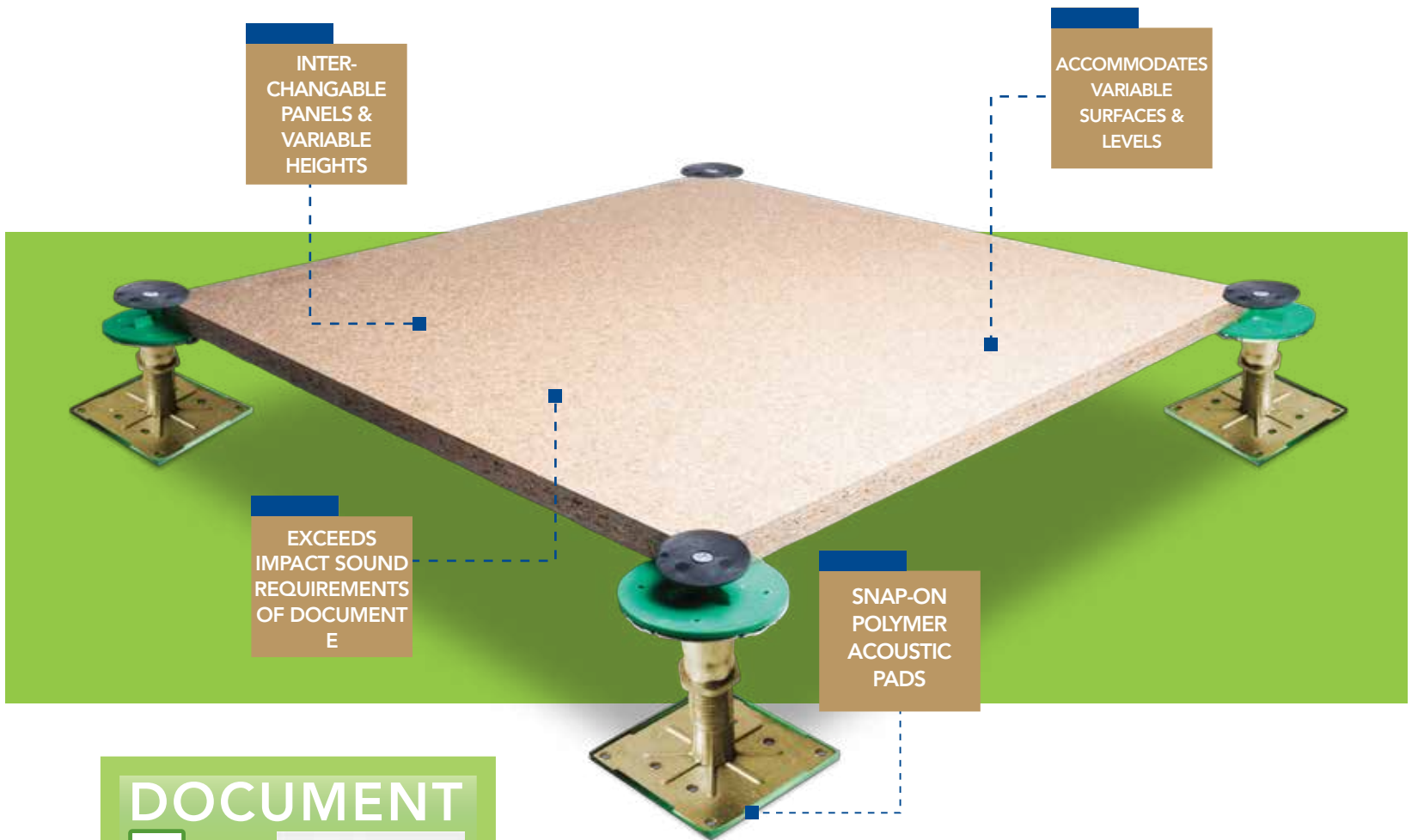




Acoustideck

Access Flooring System



INTER-
CHANGABLE
PANELS &
VARIABLE
HEIGHTS

ACCOMMODATES
VARIABLE
SURFACES &
LEVELS

EXCEEDS
IMPACT SOUND
REQUIREMENTS
OF DOCUMENT
E

SNAP-ON
POLYMER
ACOUSTIC
PADS

DOCUMENT

E

ROBUST
DETAILS
COMPLIANT



The system is based on a 600mm square high performance chipboard panel machined to provide a corner lockdown facility which is achieved using a clamping washer and screw.

The panel is supported by an adjustable zinc plated steel pedestal with a moulded plastic cap which provides positive location of the panel and includes provision for the lockdown screw.

The pedestal base receives the unique Kingspan snap-on flexible polymer based acoustic pad which fits snugly around the base ensuring continuous acoustic separation between pedestal and the slab. The pedestal and pad can be adhered to the slab using a specially formulated adhesive with the pedestal base and acoustic pad both having been designed to enable adhesive penetration through the combined unit to ensure full system adhesion to the slab.

Acoustideck

Product performance (based upon a full Kingspan system)

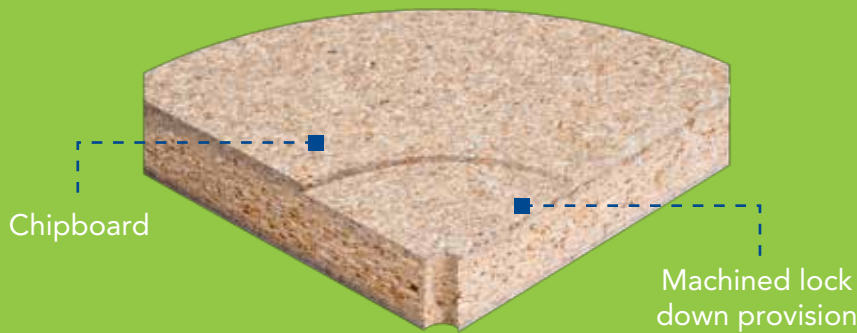
Based on Eurocode 5 (EC5) and factored according to EC1

	25mm*	30mm	38mm
Point load capacity (SLS)	2.0 kN	2.7 kN	4.0 kN
Application	Residential	Commercial/education	Commercial/education

*Moisture resistant available

SLS: Serviceability limit state

Panel Composition



Construction

Panel material	High density chipboard
Support	Zinc plated pedestals
Support fixing	1 part adhesive
Damping media	Moulded TPR pad - thermo plastic rubber
Panel attachment	Clamping washer and screw

Heights & regulations

Finished floor heights	45mm to 370mm
Robust details compliance	rdΔLw 17dB
Kingspan rating	rdΔLw 19dB (E-FC-1, E-FC-2, E-FC-7)
Building regulations	Part E compliant

- Acoustic performance achieves the requirements of part E of Building regulations when used as part of Robust Detail floor construction E-FC-1, E-FC-2 & EFC 7.
- Laboratory impact transmission performance when tested in accordance with 'Appendix D' of RD is: rdΔLw = 19dB.
- Finished floor heights from 45mm to 370mm are available using one of our range of standard pedestals.
- For heights outside of this range alternative pedestals are available.

Applications, accessories and pedestals for the Acoustideck System can be seen in detail on our Special Applications and pedestals datasheet, please ask for details by calling +44 (0) 1482 781701.



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