





PARTITIONS

Table 3.7
Cormet Acoustic Homespan Partitions,
non-loadbearing

System reference	Specification	Weight (kg/m ²)	Maximum height (m)	Nominal thickness (mm)	Fire resistance (minutes) to BS 476, and BS EN 1364	Sound insulation (R _w dB) BS 5234 Grade
AHSP 001	 <p>Studs: 44mm Acoustic Homespan C Stud (AHS44/R) at 450mm centres Facings: one layer 15mm Lafarge Acoustic Homespan wallboard both sides</p>	28	2.7	75	30 30	40 Heavy
AHSP 002	 <p>Studs: 44mm Acoustic Homespan C Stud (AHS44/R) at 450mm centres Facings: one layer 15mm Lafarge Acoustic Homespan wallboard both sides Insulation: 25mm glass mineral wool insulation density 16 kg/m³</p>	29	2.7	75	30 30	43 Heavy
AHSP 003	 <p>Studs: 50mm Acoustic Homespan C Stud (AHS50/R) at 450mm centres Facings: one layer 15mm Lafarge Acoustic Homespan wallboard both sides</p>	28	2.8	80	30 30	40 Heavy
AHSP 004	 <p>Studs: 50mm Acoustic Homespan C Stud (AHS50/R) at 450mm centres Facings: one layer 15mm Lafarge Acoustic Homespan wall board both sides Insulation: 25mm glass mineral wool insulation density 16 kg/m³</p>	29	2.8	80	30 30	43 Heavy

With studs at 400mm centres, maximum height can be increased by 0.30m for single layer boarding and 0.60m for double layer boarding. All maximum heights based on deflection L/240 Pa U.D.L. For partitions at 4.2m and above, Deep Flange U Track should be used at the partition head.

Performance values are for imperforate, jointed systems using only Lafarge components and installed to the Lafarge specification given. Any alterations may well impair the quoted performance criteria.

Rock mineral wool density 40 kg/m³ may be used in lieu of glass mineral wool as specified.