

# Knauf Easybuild

## Installation Procedure

The Knauf Easybuild partition system is designed to be simple and fast to install. Knauf Technical Services are on hand should you have any questions or unusual situations to deal with.

### General

Knauf Easybuild must be installed in accordance with Knauf's recommendations and the recommendations of BS 8212: 1995 and BS 8000: Part 8: 1994.

### Perimeter Framing 1,2

52mm Knauf 'U' Channels should be used for the head and base of the partition. 50mm Knauf Acoustic 'C' Studs should be used to form any abutments and to frame openings. Bed each section on two continuous beads of Knauf Sealant and secure with suitable fixings at maximum 600mm centres and 50mm from ends of channels or studs. Separate studs and channels forming the perimeter need not be joined, but should be tightly butted together. Partitions constructed to provide fire and/or acoustic separation are required to span from structural floor to structural soffit.

### Vertical Studs 3,4

50mm Knauf Acoustic 'C' Studs should be positioned within the channels to coincide with the vertical edge of the 900mm wide 15mm Knauf Soundshield Plus boards, at 900mm centres. In general, there is no requirement to secure the metal at this point as this will be achieved once the boards are screw-fixed. 50mm Knauf Acoustic 'C' Studs should be trimmed to within 5mm of the slab to soffit height.

### Support for Horizontal Joints in Facings

To back horizontal joints, Knauf Fixing Channel or Knauf Flat Fixing Plate should be fitted across the face of all studs, secured with two Knauf Wafer Head Screws per stud to both faces.

### Doorways 5,6

The head is formed with 52mm Knauf 'U' Channel, snipped, bent and screw-fixed with Knauf Wafer Head Screws to the web of the door jamb studs. See detail 4 on page 47. In addition, a timber ground should be fitted within the door jamb studs to allow for fixing of the door set.

### Boarding 7,8

All 900mm wide 15mm Knauf Soundshield Plus boards should be offered up to the frame with the face of the board outwards and secured with Knauf Screws at maximum 400mm centres. Fixing centres should be reduced to 200mm at corners. Boarding should commence at one end and work across the partition. At head, floor and abutments, board edges should be bedded onto continuous beads of Knauf Sealant. Tape and joint for a seamless finish.



1. Fixing the head track.



2. Fixing the first stud to the adjoining wall.



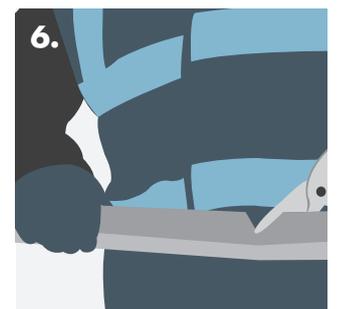
3. Twisting Knauf Acoustic 'C' Studs into position.



4. Positioning studs at 900mm centres.



5. Inserting timber ground into jamb stud door opening.



6. Snip and bend Knauf 'U' Channel to form door head.



7. Fixing the 15mm Knauf Soundshield Plus to Knauf Acoustic 'C' Stud.



8. Tape and joint for a seamless finish.