

DESIGN FOR DISASSEMBLY

Knauf's interior linings may be disassembled for recycling at end of life. This can include office fit-outs, retail spaces such as shop fittings, multi-residential and public space areas subject to redesign due to changing needs, such as museum or art gallery spaces.



Any wall or ceiling system made with plasterboard can be disassembled for recycling of the used material. Most of these systems are constructed from light duty plated steel framing, with plasterboard cladding and steel fasteners. Plasterboard is finished using compounds, sanding and finally painting.

Disassembly procedure

100% of the wall may be disassembled using this procedure with the plasterboard and steel framing separated for recycling.

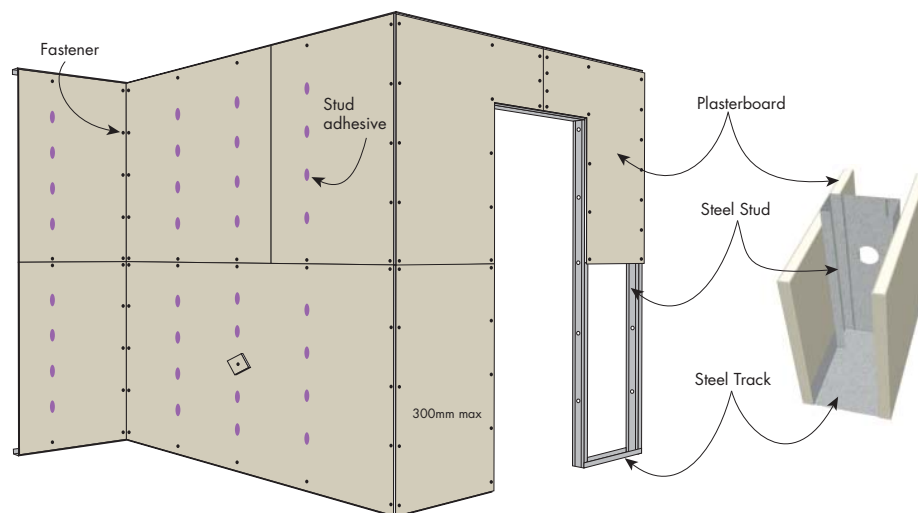


Figure 1. Typical plasterboard partition

Left: installation details
Right: partition cross section

Step 1

Make a small hole in the face of the plasterboard using a hammer. Pull the plasterboard from the frame or gently lever it away from the frame with a pinch bar. Stack plasterboard to one side.

Step 2

Remove steel studs (still containing the fasteners) from the top and bottom tracks by simply twisting the stud around its axis and stack them to one side.

Step 3

Remove top and bottom tracks by either unscrewing the fasteners unattaching them from the building, or levering them free by using a pinch bar. Stack these with the studs.

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