



Security Walls

Security wall is an upgrade solution to improve security for any wall system. Applications for security wall can include common walls in multi-residential apartments and hotels, partitioning in shopping centres and retail outlets such as pharmacies.

The system uses a sheet metal barrier that is installed as part of the framing construction. The construction is cost-effective as it allows simple and quick assembly. The security wall upgrade may be applied to any Knauf single, staggered or double stud wall system without reducing fire and acoustic performance.

[For General Requirements, Framing, Plasterboard Layout and Plasterboard Fixing refer to Section 3.1.1].

FIRE RATED AND NON-FIRE RATED

DETAILS FOR SECURITY WALLS

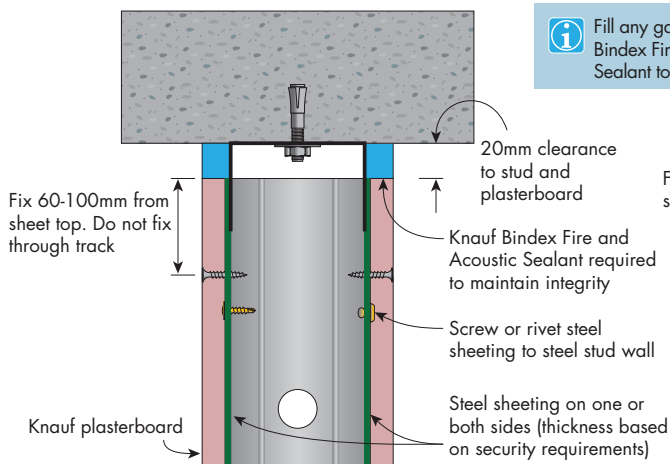


FIGURE 1 Wall Head

Steel sheeting between stud and plasterboard Section

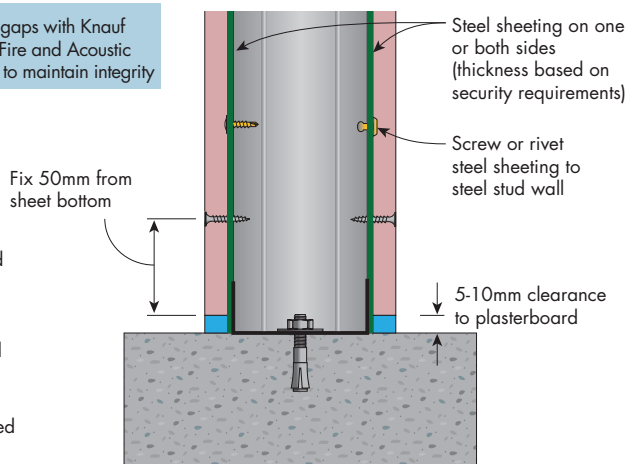


FIGURE 2 Wall Base

Steel sheeting between stud and plasterboard Section

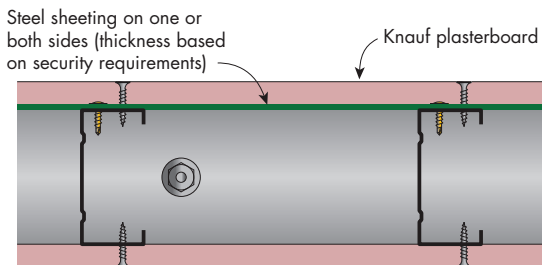


FIGURE 3 Single Stud Wall

1 layer of steel sheeting Plan

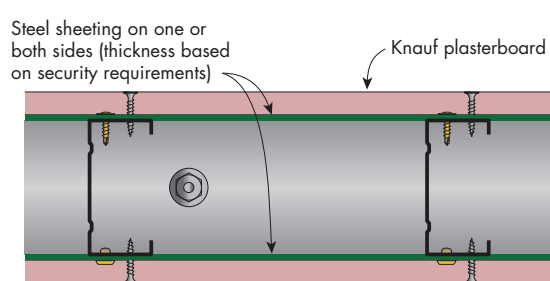


FIGURE 4 Single Stud Wall

2 layers of steel sheeting Plan

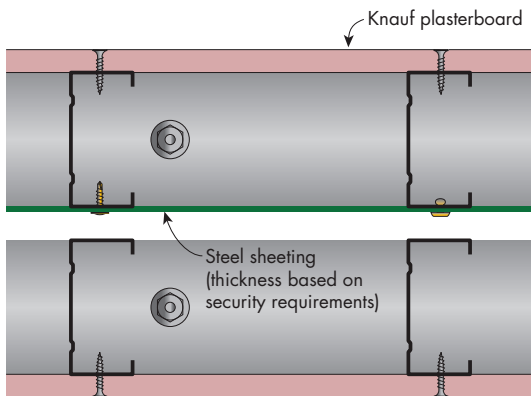


FIGURE 5 Double Stud Wall

1 layer of steel sheeting between stud framing Plan

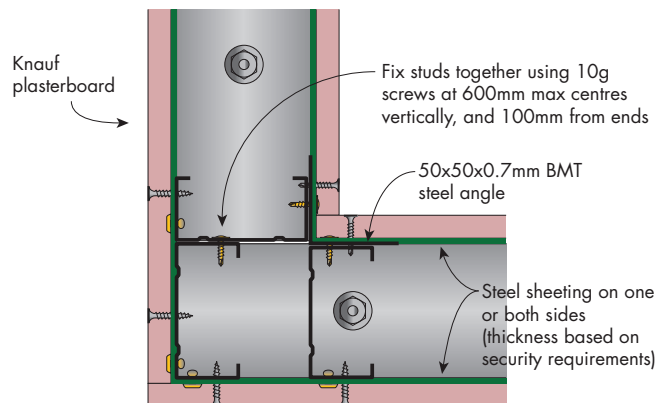


FIGURE 6 90° Corner

2 layers of steel sheeting Plan

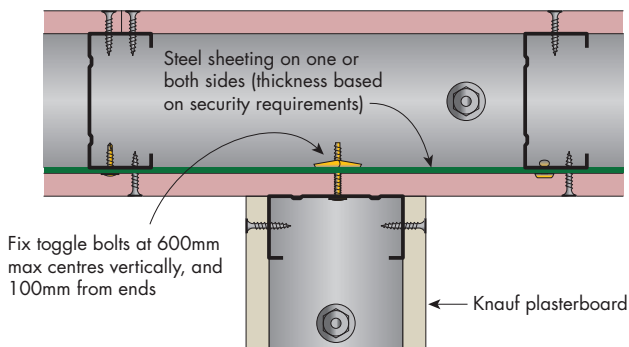


FIGURE 7 Intersecting Wall

1 layer of steel sheeting Plan

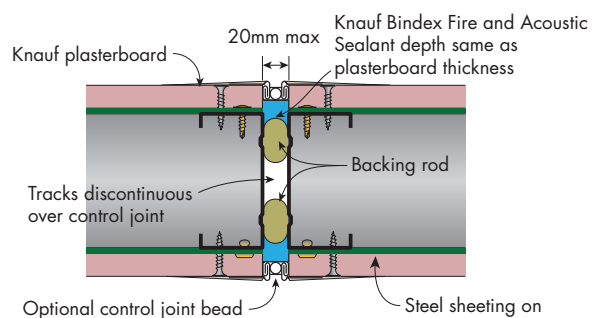


FIGURE 8 Control Joint

2 layers of steel sheeting Plan