



Steel Insertion to a Party Wall

A simple guide for inserting steels into party walls



1 The steel beam and the bearer plate location are marked out as shown.



2 The mortar is carefully drilled out on our side and the bricks are removed without disturbing the neighbouring property. The wall is 225 mm thick and as our steel bearer plate only needs 100 mm of bearing there is no chance of damage to the other side.



3 The bearer plate is then bedded on a cement base, levelled and allowed to set. The following day the steel is positioned centrally on the bearer plate. Our steel beams are fabricated in sections with a bolted splice joint to avoid the need to cut completely through the wall to get them in position.



4 Once the steel is levelled and in position the hole is bricked back in and made good.