



Strongboy Instructions for Use

Strongboy & Strongboy XL Masonry Support

Prior to using any Strongboy masonry support it is essential that you identify that this is the correct method to carry out the intended works.

You must correctly identify all loading (which may include furniture in an upstairs room) roof tiles, loft mounted water tanks and the like.

It is intended that only one single opening in any one length of wall be created at any given time.

The integrity of the mortar and structure of the wall intended to be altered or repaired must be given due consideration prior to any work being carried out.

Please note that the Strongboy Masonry support is not intended to be used to provide temporary support to unstable structures.

Please note Strongboy Ltd can provide advice on the product but does not offer a temporary works design service. Neither can we give specific project related advice. If you need advice on loading or a temporary works design you should consult a structural engineer. Also, Please consult a fully qualified structural engineer if in any doubt of any of the above.

INSTRUCTIONS FOR USE

Mark the wall in the correct position where the Strongboy is to be inserted

Scrape or grind out the mortar, or a remove a brick prior to insertion of the Strongboy in the identified position. Always ensure the underside of the brick to be supported is clean and will sit flat on the blade of the Strongboy.

Hold prop vertically upright with one hand close to where the intended usage is.

With your other hand holding the supporting web, tilt leading edge of Strongboy blade up approximately 30 degrees.

IMPORTANT: Slide the rear end of the Strongboy over the top plate of the prop and hook the retaining bar at the rear end of the Strongboy over the prop plate. Ensure the prop plate is fully engaged behind the retaining bar before using!!!

To check the Strongboy is correctly engaged, pull the front edge of the blade down. The Strongboy should not move.

The Strongboy may now be manoeuvred into the correct position for usage.

Insert the blade into the mortar space or brick hole until the blade is at the same depth as the rear of the brick on the leaf of the wall which is intended to be supported.



Ensuring the prop remains completely vertical and in plumb, tighten the collar of the prop until the Strongboy and prop are fully engaged with the wall and do not move. Do not overtighten as that may cause the blade to bend. Hand tight is generally sufficient.

WHEN USING STRONGBOYS WE RECOMMEND

Maximum load bearing capacity of unit 340 Kgs per unit (750lb)

Maximum safe working height 3 metres from firm base.

On sound brick or blockwork maximum distance between props 3ft or 900mm.

Always have the loadings checked and use the correct number of Strongboys for the job. If in doubt, please take advice from a certified structural engineer.

If the width of the intended opening is greater than 4m we would recommend that the props be horizontally laced and diagonal braced together using scaffolding poles and proprietary couplings.

This also applies if the height of the opening is greater than 3m.

On unsound structures or weak/old mortar it recommended that this distance be reduced. If in any doubt about the integrity of the structure please consult a fully qualified structural engineer or temporary works structural specialist.

The Strongboy can be use on single or double skin walls. If double skin, the maximum cavity is 50mm. Ensure the blade of the Strongboy is fully supporting the second skin.

Applications

APPLICATIONS include:-

Breaking out single or double skinned walls.

Supporting damaged or uneven brickwork.

Replacing wall ties.

Installing R.S.J. or concrete lintels

Installing new windows / doors or supporting loose or damaged window headers.