

## Fire Block up

### Method of works

Before commencement of works ensure that the survey is complete (see job file) and the Permit to Isolate has been filled out and issued by the contacts manager.

Check that the chimney has been swept – this will be on the permit to isolate.

Check that there is no asbestos identified within the survey, or that any identified asbestos has been cleared b or that. If any of the above has not been completed DO NOT commence work and contact the contracts manager immediately.

#### **Fire Block up only**

Cover the work area with dust sheets

Remove any loose debris from the fire place including and fire grates etc

Measure the area to bed blocked up

Measure and cut the block to fit opening.

Mix up sand and cement in a bucket

Lay bed of mortar

Lay in first row of block ensuring level and plumb

In 2<sup>nd</sup> row of block fit the plastic vent into centre and lay block around it.

Repeat until blocked up

Clean joints of excess mortar

When dry measure area for plasterboard

Cut plasterboard to fit

Using adhesive fix plasterboard to opening and caulk edges ready for painting.

Clear area of any debris and leave clean and tidy.

#### **Removing surround and hearth**

##### **Surround**

Ensure there is no asbestos rope present around the opening.

Using a chisel and lump hammer – place chisel at back of surround to crack the surround away from the wall.

You should now see the metal strips that should be holding the surround to the wall.

Remove strips from the surround.

Depending on type of material used/ whether it is easily breakable into smaller, it may require a 2 person lift to remove it from the property.

##### **Hearth**

Usually the hearth is one solid piece of material and may require a breaker to remove it.

Put the breaker chisel in the hearth vertically approximately 200mm from the edge work downwards

Put the breaker chisel in horizontally on the bottom in the same area that you did previously and break until piece comes loose.

Repeat until all broken.

Remove debris from the property

If the level is below the existing floor level (not including floor covering) mix up the self levelling compound in a bucket as directed in the instructions, pour on to area and lightly trowel.

Leave to set

Clear area of rubbish.

If there is damage to the chimney breast from removal make good with easi fill/multifinish to a good smooth finish ready for painting.

Make sure that the area is left clean and tidy

Complete the last section of the permit to isolate and return to contracts manager.

## See additional docs

HAVS  
PPE  
Manual Handling  
Asbestos

## Risk Assessment

Hazard	Control Measures
<b>COSHH</b>	When using any chemicals, the COSHH safety data sheet will be followed to ensure that the safe working practice is followed. This includes storage and use, including the correct use of PPE. Common material sheets are within this document
<b>Hygiene</b>	Good personal hygiene is a necessity washing of hands prior to any breaks (food – ingestion).
<b>Asbestos</b>	Fire rope around fire and fireplace surrounds All operatives are to be Asbestos awareness trained. HSG264 R+D Asbestos survey is to be referred to before any works commence. Ensure asbestos are not disturbed during works. Tradesmen are to remain vigilant at all times when onsite and if any additional suspect materials are identified, site manager is to be informed immediately.
<b>Slips, trips and falls</b>	Site kept clean and tidy at all times
<b>Manual handling</b>	Correct lifting techniques to be adopted, no lifts over 25kg. 2 person lift/mechanical assistance where required.
<b>Electrical</b>	Only battery operated or 110v tools to be used
<b>Lone working</b>	Lone working can take place but if surround removal a 2 <sup>nd</sup> person will be required for lifting
<b>Vibration</b>	Wear PPE, regular breaks and ensure tools are correctly maintained. See HAVS
<b>Noise</b>	Wear PPE, ear protection, regular breaks and inform persons of loud works if occupied.
<b>Respirable dust</b>	Wear face fitted FFP3 mask, where dust may arise from cement, masonry or render etc when breaking up hearth or soot from fire place.