

APPLICATION DATA SHEET



ENVIROGRAF®

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Product Number: 53

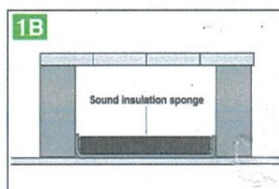
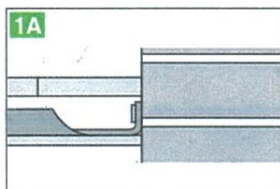
Under Floor Fire Barrier

Description:

Under floor fire barrier UF60 is made from graphite impregnated cloth covered with a 200g foiled cloth, giving 60 minutes fire and insulation protection. The UF104 also includes internal wire mesh reinforcement and achieves 104 minutes insulation, integrity and load bearing. If sound insulation is required 40mm thick soundproofing sponge can be ordered to suit. The under floor barrier is designed for use where either the decorated ceiling or lath and plaster ceiling cannot be fireproofed or if access below is not available (Note: should you be able to fireproof from below then look at our Product 105)

Application: (Note: method is the same for UF60 & UF104)

1. Lift three floor boards by the wall and three more 2100mm into the room
2. The fire barrier is 1800mm long and its width should be the width between the joists plus 100mm. Each of the long sides should be bent up by 50mm with the grey cloth side up against the joists.
3. Slide the barrier under the floorboards and, where it reaches the wall, bend up the barrier by 50mm.
4. Small metal fixing plates with pre-drilled holes are supplied for fixing the barrier to the joists and the walls. Use one fixing plate at the wall end of the barrier and fasten the barrier to the wall using 30mm galvanised large-head clout nails. Then nail a fixing plate into the joists at intervals of 300mm along each upturned side of the barrier.
5. Re-fix the floor boards you previously lifted beside the wall.
6. Lift three more floorboards, 2100mm away from those already up.
7. Repeat as in step 2 but overlap each new piece onto the previous piece by 50mm and continue like this over the whole floor area.
8. If you have to cut the barrier, self-adhesive-backed Kraft tape is provided to re-seal the cut ends.
9. The barrier can be laid on top of cables. If you need to push a cable or pipe through the barrier then this can be done by making a hole with a screwdriver. Small holes for cables or pipes have no detrimental effect on the barrier as the intumescent material will seal off the holes in a fire. If necessary you can seal puncture holes with Envirograf® Product 58 AM Intumescent Mastic.



NB: The underfloor fire barrier is supplied to fit a standard 400mm gap between joists, allowing a further 50mm on each side for fixing. Please state if the joist gap differs from 400mm. Skilled tradespeople are required when installing the underfloor fire barrier system. Although the barrier is extremely durable, care must be taken not to tear the barrier during installation. All of the supplied metal plates must be used when fixing the barrier in position.

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