

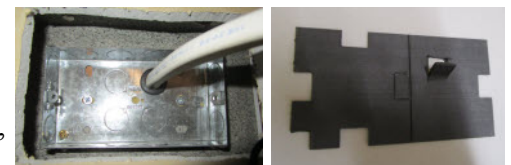
# Intumescent Vexbox Installation Guide



When installing in 25mm deep boxes cut off excess along the score line. Leave in place for 35 & 47mm deep boxes



- Prior to commencing work on an electrical installation, first of all, if applicable, ensure that the circuit/s being worked on are isolated in accordance with BS7671
- The intumescent version of vexbox is designed for use with metal, single or twin electrical accessory boxes in accordance with BS4662 either 25, 35 or 47mm deep. Vexbox is not for use in plastic back boxes.
- When using the Vexbox template in 35 and 47mm deep boxes, it should be used as supplied. If using in 25mm deep boxes, the width of the template should be reduced at the cut line indicated in diagram (3)
- If the box is flush with the plasterboard wall, then a Vexplate can be used on it's own for an enhanced level of fire Protection.
- Where there are back to back boxes in the same compartment in a stud wall a Vexplate must be installed.
- Where the box is not flush with the surface of the plasterboard wall or, there are gaps around the outside of the box, both a Vexplate and the correctly formed Vexbox template must be installed.
- If there are no gaps around the outside of the box, the box is recessed too far back into the wall but there is no gap between the front of the box and the rear plasterboard, a Vexplate and correctly formed Vexbox template can be installed on their own. Where there is a gap between the front of the box and the plasterboard wall, prior to installation, the template must be wrapped in the fibreglass tape (1) to prevent the flow of char into the wall
- Where the level of extension has been reduced (2) use a sharp knife to remove the excess.
- Do not install in temperatures lower than 10 degrees Celsius
- Where parts have been removed to allow the passage of cables into the box, these should be put in the back of the box.
- Both profiles, single and twin are an exact fit. Therefore, in some cases, where the 20mm preformed knockouts have been pressed into the box during manufacture, this can make the template tighter than normal to install.
- If using the universal template, for ease of installation, there is a folding guide on the data page at [vexbox.com](http://vexbox.com)
- When installing in 47mm deep boxes, single or twin, 2 No. Vexplate backplates must be installed.
- Where the holes in the plasterboard are too big and there are large gaps around the insert, these must be filled with a gypsum based compound such as carlite bonding or board adhesive.
- Where cables enter through the back of the box ideally, the cables should come through one of the three locations (four in the case of a single profile) where the pre-formed cutouts have been formed to accommodate the fixing lugs on the accessory box. If this is not possible, using a sharp knife, a flap should be cut in the appropriate place so that the cables can be brought through and at the same time, there is no reduction in the volume of intumescent material in the box.



Rear entry cables. Flap cut to suit.

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**Tested in accordance with:** EN1364/1  
BS EN ISO 10140-2:2010 ISO 717-1:2013