

# Quelfire Intumescent Putty Pads

## INSTALLATION INSTRUCTIONS

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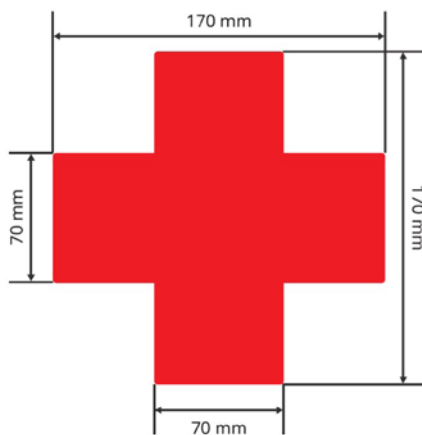
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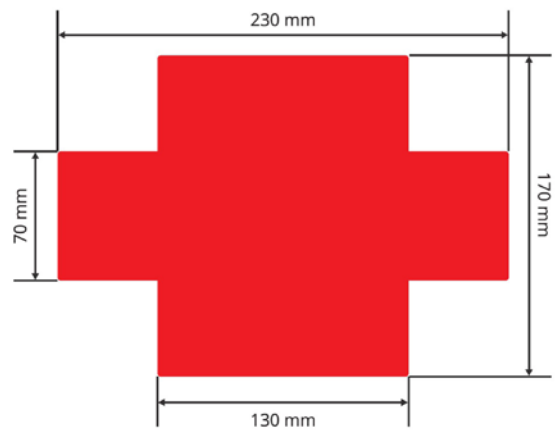
# Quelfire Intumescent Putty Pads

## INSTALLATION INSTRUCTIONS

This installation guide is intended for general information only and all details should be checked against relevant supporting test evidence and certification.



Single Socket Quelfire Intumescent & Acoustic Putty Pad - dimensions



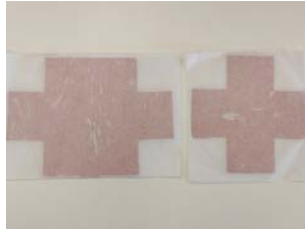
Double Socket Quelfire Intumescent & Acoustic Putty Pad - dimensions

# Quelfire Intumescent Putty Pads

## INSTALLATION INSTRUCTIONS

### PLASTIC BOXES:

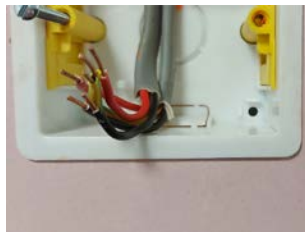
**1.** Ensure the correct size putty pad is selected for the socket box. The Quelfire Intumescent Putty Pads are available to suit both single and double sockets.



**2.** The wall should be constructed in accordance with the manufacturer's specification and recommendations. The installer is responsible to ensure that the test evidence is relevant to the application and the socket box should be installed in accordance with the manufacturer's recommendations.



**3.** The plasterboard should be cut tight around the socket box.



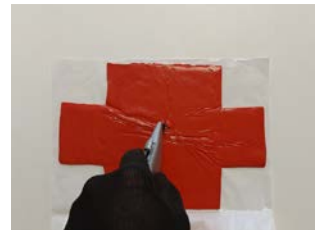
**4.** Ensure that all surfaces are free from dust, dirt, grease and other contamination.



**5.** Remove the putty pad from the paper backing and insert the pad into the socket box.



**6.** A cut or slot can be made for the cables.



**7.a** The Putty Pad should completely cover the back and sides of the socket box right up to the front face of the wall.



**7.b**



**8.** Ensure the Putty Pad is firmly pressed into the whole box and mould the putty back around the cable penetration ensuring that the original 3mm thickness of the putty is maintained at all times.



**9.a** Any excess material can then be trimmed off and discarded.



# Quelfire Intumescent Putty Pads

## INSTALLATION INSTRUCTIONS

**9.b**



**10.** Confirm the Putty Pad is firmly pressed into the whole box and sealed along the front edge.



**11.** Clear the screw holes.



**12.** Finally, fit/refit the cover plate as required.

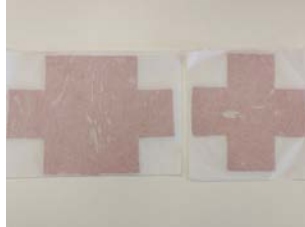


# Quelfire Intumescent Putty Pads

## INSTALLATION INSTRUCTIONS

### METAL BOXES:

- 1.** Ensure the correct size putty pad is selected for the socket box. The Quelfire Intumescent Putty Pads are available to suit both single and double sockets.



- 2.** The wall should be constructed in accordance with the manufacturer's specification and recommendations. The installer is responsible to ensure that the test evidence is relevant to the application and the socket box should be installed in accordance with the manufacturer's recommendations.



- 3.** The plasterboard should be cut tight around the socket box.

*Note: Where the plasterboard is not cut tight around the socket box, oversized gaps of up to 5mm have been tested, please refer to the relevant standard installation details where you will note the gap should be filled with QuelStop Intumescent Acrylic Sealant.*



The socket box should normally be positioned within the depth of the fire rated plasterboard.

*Note: If the box is not installed as shown, a maximum gap of up to 5mm between the box and the back of the fire rated plasterboard is tolerable, please refer to the relevant standard installation details where you will note PVA glue should be applied to the exposed edges of the fire rated plasterboard.*

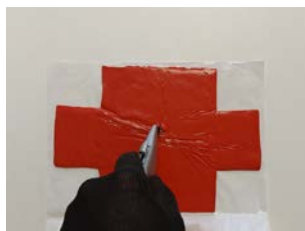
- 4.** Ensure that all surfaces are free from dust, dirt, grease and other contamination.



- 5.** Remove the putty pad from the paper backing and insert the pad into the socket box.



- 6.** A cut or slot can be made for any cables.



- 7.a** The Putty Pad should completely cover the back and sides of the socket box right up to the front face of the wall.



- 7.b** The Putty Pad should completely cover the back and sides of the socket box right up to the front face of the wall.



- 8.** Ensure the Putty Pad is firmly pressed into the whole box and mould the putty back around the cable penetration ensuring that the original 3mm thickness of the putty is maintained at all times.



*Note: where metal boxes are deeper than a standard Putty Pad, additional putty can be added to bring the overall seal to the front edge of the wall ensuring that the original minimum 3mm thickness is maintained at all times.*

# Quelfire Intumescent Putty Pads

## INSTALLATION INSTRUCTIONS

**9.a** Any excess material can then be trimmed off and discarded.



**9.b**



**10.** Confirm the Putty Pad is firmly pressed into the whole box and sealed along the front edge.



**11.** Clear the screw holes.



**12.** Finally, fit/refit the cover plate as required.

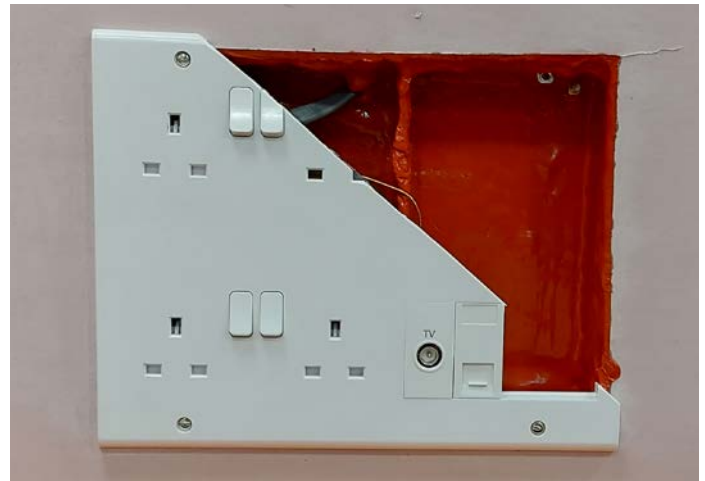


## METAL MEDIA PANEL BOXES

The Quelfire Intumescent Acoustic Putty Pad should completely seal the back and sides of the box. The original thickness of the putty, which is 3mm, should be maintained throughout as a minimum.

The largest available putty pad is intended to suit a double socket box, media panel boxes are of course larger and are effectively the equivalent of approximately 4no. double sockets, so multiple putty pads are required.

1. The installation of Quelfire Intumescent Acoustic Putty Pads into Metal Media Panel Boxes follows the same principle as those set out on the previous pages 5 and 6.
2. When putty pads are required to be joined together, they should be installed into the box overlapping the previous one and gently compressed so that they self-adhere to each other.
3. Take care not to over compress the putty pad and ensure that the original thickness of 3mm is maintained as a minimum.



Typical Media Panel

### SET BACK METAL BOXES

The wall should be constructed in accordance with the manufacturer's specification and recommendations, likewise the socket box should also be installed and positioned correctly with the front face of the metal box flush with the front face of the wall.

In instances where the socket box is set back then extension pieces can be fitted to the socket boxes provided they do not exceed the overall depth of the tested scope of application.

Alternatively it is possible to seal the edges of the board and extend the putty – refer to the relevant standard installation details for the full scope.

Up to 5mm gap between the back edge of the plasterboard and the front face of the metal box is permitted.

1. Ensure that the edges of the board and the socket box are free from any loose debris and contamination
2. Seal the edges of the board with PVA glue by brush application. Standard PVA glue is available from all reputable building material suppliers.
3. Fit the Putty Pad in accordance with the sample principles as those set out on previous pages 5 and 6.
4. It may be necessary to extend the Putty Pads due to the extra depth of the socket box. When putty pads are required to be joined together, they should be installed into the box overlapping the previous one and gently compressed so that they self-adhere to each other.
5. Take care not to over compress the putty pad and ensure that the original thickness of 3mm is maintained as a minimum.





### OVERSIZED CUT OUTS

The wall should be constructed in accordance with the manufacturer's specification and recommendations, and the aperture cut out for the socket box should be as tight as possible around the metal socket box.

In instances where the aperture has been cut too large and provided the gap around the metal socket box does not exceed 5mm then it may be possible to still install Quelfire products in accordance with the tested scope of application – refer to the relevant standard installation details for the full scope.

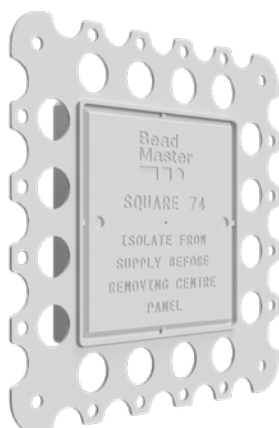
1. Ensure that the gap does not exceed 5mm.
2. Ensure that the edges of the board and the socket box are free from any loose debris and contamination.
3. Apply QuelStop Intumescent Acrylic Sealant to the gap to the full depth of the fire rated plasterboard.
4. Use a spatula to gently compress the seal ensuring the gap is full and leave a neat finish.
5. Fit the Putty Pad in accordance with the sample principles as those set out on previous section "METAL BOXES".



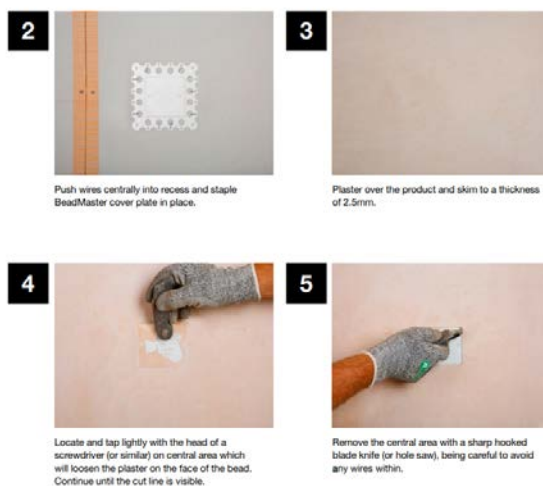
Please note that the socketbox must be installed flush with the outer face of the wall. It cannot be installed set back into the wall and with an oversized aperture!

## BEADMASTER SURROUNDS

The Quelfire Intumescent Acoustic Putty Pad can be installed into electrical socket boxes that are fitted with the Beadmaster Socket Surround - <https://www.beadmaster.co.uk/>



Refer to the Beadmaster Installation Instructions: <https://www.beadmaster.co.uk/documents/install/rectangle-square.pdf> and relevant Quelfire Standard Installation Details for full details and scope of application.









Once the Beadmaster socket cover has been removed, the Quelfire Intumescent Putty Pad should be installed in accordance with the sample principles as those set out on previous section "METAL BOXES".

# Quelfire Intumescent Putty Pads

## INSTALLATION INSTRUCTIONS

### ADDITIONAL INFORMATION

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-  [Webpage](#)
-  [Product Data Sheet](#)
-  [Dimensions and Installation Guide \(this document\)](#)
-  [Standard Installation Details](#)
-  [Beadmaster Product Page](#)
-  [Beadmaster Installation Instructions](#)

#### Technical Support & Guidance:

Should you require any further information regarding this product, please do not hesitate to contact the technical department at Quelfire Ltd.

Tel: **0161 928 7308**. Email: [technical@quelfire.co.uk](mailto:technical@quelfire.co.uk)

Please be aware that this document is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines.

Use of alternative components or deviations from the instructions in any way is likely to mean that the installation will not comply with the assessed rating.

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