

FLEXIFIRE

• HARDWARE PROTECTION •



Intumescent Hardware Protection

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Description

All hardware installed on a fire door must be fitted without compromising the integrity of the complete fire door assembly. This is of particular importance where hardware is rebated into the doorset such as hinges, locks, latches and concealed door closers.

FlexiFire is an ultra thin and flexible high performance intumescent sheet. Available from 0.8 to 2mm thick FlexiFire offers high levels of expansion and insulation preventing heat transfer on hardware rebated into timber doorsets.

FlexiFire is suitable for both 30 and 60 minute applications. Installing FlexiFire requires minimal rebating, a real advantage in timber doorsets.

Features & Benefits

- Safe to handle - contains no fibres or irritants
- 0.8mm to 2mm thick - minimal rebating required
- Very flexible/clean to work with - will bend without cracking
- Easy to cut to shape with household scissors
- Available with or without self-adhesive backing
- Unaffected by moisture, humidity, atmospheric pollution and other common industrial and household chemical substances.

Testing

FlexiFire intumescent sheet material has been extensively tested to the latest British and European standards as follows:

- BS476 part 22: 1987 - 30 and 60 minute rating
- BSEN 1634-1: 2014 - 30 and 60 minute rating

Fitting Instructions

FlexiFire intumescent sheet is generally pre-cut to suit the hardware application and may also be pre-fitted with a self-adhesive backing. If you are using one of these, simply peel away the release paper on the self-adhesive tape.

Alternatively:

1. If required, use double sided self-adhesive tape or other adhesive to secure the sheet to the rebated hardware.
2. Fit the hardware in the usual way screwing through the sheet material if necessary.

If you are cutting FlexiFire sheet material to fit a piece of hardware, please do the following:

Form a template to suit the hardware you are protecting.

Trim the intumescent sheet to fit the template. The intumescent sheet can be closely butt jointed to suit larger hardware.

If required, use double-sided self-adhesive tape or other adhesive to secure the sheet to the rebated hardware.

Fit the hardware in the usual way screwing through the sheet material if necessary.

Bespoke applications

We are able to offer a bespoke solution for all rebated hardware. Please contact us for further information.

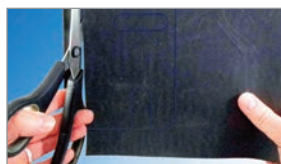
Fitting FlexiFire sheet material to a custom piece of hardware, follow the procedures below:



Form a template to suit the hardware you are protecting.



Trim the intumescent sheet to fit the template. The intumescent sheet can be closely butt jointed to suit larger hardware.



If required, use double-sided self-adhesive tape or other adhesive to secure the sheet to the rebated hardware.



Fit the hardware in the usual way screwing through the sheet material if necessary.



enquires@flexifire.co.uk



flexifire.co.uk

Example Product Range

Code	Description	Size (MM)	Fixing	Container	Fire Rating	Pack Outers
Hinges						
FS501	300 No. Hinge Plates	100 x 31	-	Boxed	30/60	1
FS145	300 No. Radius Corner Hinge Plates	100 x 31	-	Boxed	30/60	1
FS540	300 No. Hinge Plates	100 x 36	-	Bagged	30/60	1
FS541	300 No. Hinge Plates	100 x 40	-	Bagged	30/60	1
FS542	300 No. Hinge Plates R&T 101 Lift Off	97 x 29	-	Bagged	30/60	1
FS189	300 No. Hinge Plates	75 x 25	-	Boxed	30/60	1
FS193	6 No. Hinge Plates	100 x 31	-	Bagged	30/60	10
FS192	6 No. Hinge Plates Radius Corners	100 x 31	-	Bagged	30/60	10
FS188	6 No. Hinge Plates	75 x 25	-	Bagged	30/60	10
Hinges - Self-Adhesive						
FS501/SA	300 No. Hinge Plates	100 x 31	S/A	Boxed	30/60	1
FS145/SA	300 No. Radius Corner Hinge Plates	100 x 31	S/A	Boxed	30/60	1
FS540/SA	300 No. Hinge Plates	100 x 36	S/A	Bagged	30/60	1
FS541/SA	300 No. Hinge Plates	100 x 40	S/A	Bagged	30/60	1
FS542/SA	300 No. Hinge Plates R&T 101 Lift Off	97 x 29	S/A	Bagged	30/60	1
FS189/SA	300 No. Hinge Plates	75 x 25	S/A	Boxed	30/60	1
FS193/SA	6 No. Hinge Plates	100 x 31	S/A	Bagged	30/60	10
FS192/SA	6 No. Hinge Plates Radius Corners	100 x 31	S/A	Bagged	30/60	10
FS188/SA	6 No. Hinge Plates	75 x 25	S/A	Bagged	30/60	10
Locks and Latches						
FS1271	Universal BS Sashlock Kit to suit 64/76mm backset c/w strike plate	75 x 10	S/A	Bagged	30/60	10
FS1273	Universal BS Deadlock Kit to suit 64/76mm backset c/w strike plate	75 x 75	S/A	Bagged	30/60	10
FS1274	Universal Din Lock Kit c/w strike plate	85 x 165	S/A	Bagged	30/60	10
FS1265	Universal SBD Multi-lock Kit	N/A	S/A	Bagged	30/60	10
FS1283	Universal Tubular Latch Kit to suit 64/76mm backset c/w strike plate	75 x 24	S/A	Bagged	30/60	10
FS1279	Universal FB1/FB2 Deadlock Kit c/w strike plate	103 x 80	S/A	Bagged	30/60	10
Door Closers						
FS507	Intumescent Universal Door Closer Pad	300 x 75	-	Bagged	30/60	10
FS1275	Concealed Door Closer Kit	-	S/A	Bagged	30/60	10
FS1276	Concealed Slide Arm Kit	-	S/A	Bagged	30/60	10
Sheet Material						
FS505	Intumescent Sheet	200 x 200	-	Bagged	30/60	10
FS506	Intumescent Sheet	300 x 200	-	Bagged	30/60	10
Flush Bolt						
FS1820	Lever Action Flush Bolt Kit Radius/ Square Ends	150/200	S/A	Bagged	30/60	10
FS1821	Lever Action Flush Bolt Kit Radius/ Square Ends	300/450	S/A	Bagged	30/60	10
FS1822	Lever Action Flush Bolt Kit Radius/ Square Ends	600/900	S/A	Bagged	30/60	10



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