

PRODUCT DATA SHEET

EVERBUILD® FIRESPAN® Intumescent Pads

FOR USE IN ELECTRICAL SOCKET BOXES TO MAINTAIN FIRE AND SMOKE BARRIER

PRODUCT DESCRIPTION

EVERBUILD® FIRESPAN® Intumescent Pads are designed to be used on the inside or outside of electrical socket boxes to maintain fire and smoke barrier where service holes are cut into dry lining and all types of fire rated boarding. High tack adhesion, pliable and mouldable, self-bonding.

USES

- Dry Lining systems.
- Around metal or plastic socket boxes.
- Fire rated partition walls.

CHARACTERISTICS / ADVANTAGES

- Maintains a fire and smoke barrier around sockets in drylining systems.
- Excellent acoustic properties.
- High tack adhesion, pliable and mouldable with excellent self bonding properties.
- Preformed shape to fit most common socket boxes.

Intumescing Temperature Approx 250 °C

Integrity / Insulation 2 Hours*

*up to 2 hour fire rating in certain configurations.

APPROVALS / STANDARDS

Acoustic rated to BS EN ISO 140-3. Tested for air permeability to EN13141-1 Ventilation for buildings. Performance testing of components/products for residential ventilation. Tested to EN1366-3 to provide up to 2 hours fire protection (WF Report No. 388629A Issue 2), and also maintain acoustic integrity of the drylining system.

PRODUCT INFORMATION

Chemical Base	Silicone Rubber Polymer Containing intumescent Fillers
Packaging	Single Socket - 4mm x 170mm x 170mm Double Socket - 4mm x 230mm x 170mm
Appearance / Colour	Red Stiff Putty
Shelf Life	36 months from date of manufacture in original wrapper.
Storage Conditions	Store in cool dry conditions away from direct sunlight
Density	1.55 - 1.60 g/cm ³

Service Ref	Aperture dimensions and seal type	Service Type		
D	50 mm high by 50 mm wide sealed with NS Putty 150 mm deep	Single E (1 x 185 mm ²) electric cable		
M	50 mm long by 50 mm wide sealed with NS Putty 60 mm deep, flush at the unexposed face	Single E (1 x 185 mm ²) electric cable		
Service Ref	Aperture dimensions and seal type			
F	2 no. 32 mm deep single gang electric sockets with plastic back-box, 'F1' fitted to the unexposed face and 'F2' fitted to the exposed face			
G	2 no. 32 mm deep single gang electric sockets with plastic back-box, 'F1' fitted to the unexposed face and 'F2' fitted to the exposed face			
Specimen	Integrity (minutes)			Insulation (minutes)
	Cotton Pad	Sustained Flame	Gap Gauge	
D	132*	132*	132*	132*
F1	132*	132*	132*	132*
F2	132*	132*	132*	N/A
G1	132*	132*	132*	132*
G2	132*	132*	132*	N/A
Overall Seal	132*	132*	132*	132*
M	132*	132*	132*	90

* The test duration. The test was discontinued after a period of 132 minutes.

Specimens F2 and G2 unable to be given insulation value due to being installed on the exposed face.

Specimens F1, F2, G1 and G2, as described are not fully in accordance with the requirements of BS EN 1366-3:2009, because they are only partial penetrating, however, if the specimens were to be assessed for integrity and insulation criteria from BS EN 1366-3:2009 the results could be expressed as above.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

- Do not use in areas subject to prolonged high temperatures i.e. central heating pipes, ducting etc.
- It is the users responsibility to determine suitability for use however if in doubt contact Technical Services for advice.

LIMITATIONS

- Do not use in areas where a fire rating in excess of 2 hours is required.



ECOLOGY, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, dry and free from any loose dust or contaminants. Do not apply to damp surfaces.

APPLICATION METHOD / TOOLS

EVERBUILD® FIRESpan® Intumescent Pads fit either internally or externally on the back of electrical boxes. Remove the lining paper and second film from the pad. When using internally fold the pad to the shape of the box first then press home firmly into the box working into the back and corners.

When using externally, fold the pad around the back and sides of the socket when in situ. Press the edges of the pad together to form a continuous seal around the box. Ensure edges are brought firmly together to ensure complete coverage.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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