

# INTU FR PUTTY PAD

*Fire rated flexible pads for socket boxes*

TDS TECHNICAL DATA SHEET



CE



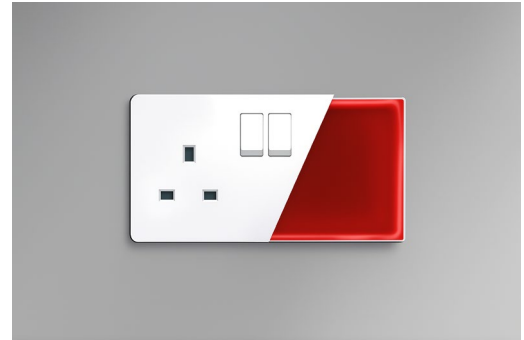
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### → PRODUCT DESCRIPTION

The **INTU FR PUTTY PAD** is easy to apply fire and sound rated sealant supplied as a non-setting putty with 4 mm thickness. The pad is hand workable, re-useable and re-serviceable due to its non-setting properties. When electrical sockets and switches are installed in dry lining partitions, the original fire rating of the partition is compromised. Fitting **INTU FR PUTTY PAD** will reinstate the fire rating of the partition for up to two hours and prevent the passage of smoke and flames in a fire, and sound and air movement during service life, through the electrical socket, into the cavity.



### → APPLICATION

The **INTU FR PUTTY PAD** is shaped for use on both single and double electrical sockets installations in dry lining walls. The pads are supplied in a cross shape for internal installation in a socket and in a rectangular shape for application on the rear of the socket. Socket boxes can be placed back-to-back or side-by-side with zero distance, or further apart on both sides. They may also be placed on one side of the wall only, where the remaining side of the wall is not punctured at the same point.



#### Flexible walls:

The wall must have a minimum thickness 100 mm, must comprise steel or timber studs lined on both faces with minimum two layers (with overall board layer thickness on one side equal to or greater than 25 mm) of boards.

#### Rigid walls:

The wall must have a minimum thickness 100 mm, must comprise all type concrete or masonry elements, with a minimum density 650 kg/m<sup>3</sup>.

### → AVAILABILITY

Product	Contents	Packaging	Pallet	Article no.
INTU FR PUTTY PAD 170 x 170 mm	20 pcs	box	180 box/pallet	INFRPTP170
INTU FR PUTTY PAD 230 x 170 mm	20 pcs	box	270 box/pallet	INFRPTP230

### → COMPLIANCE

- Test standard:  
**EN 1366-3 / EAD 350454-00-1104**
- European Technical Assessment:  
**ETA 25/0668 of 29/07/2025**
- Declaration of Performance:  
**DoP 5/2025**

### → TRANSPORT AND STORAGE

Store in original packaging, in dry conditions, at a temperature between +5°C to +30°C.

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### → INSTALLATION METHOD



1. Before installing **INTU FR PUTTY PAD** ensure that the surfaces are clean, free from dirt, grease & other contamination.

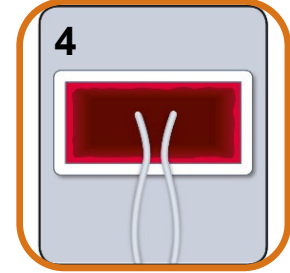
Remove the backing paper from one side of the pad.



2. Adjust the pad so that it covers completely the back and sides. Make a slit to allow the wires to pass through the pad.



3. The aperture in the wall shall be as tight as possible to the socket boxes, and any gaps filled with plaster filler or **INTU FR MASTIC**. The socket boxes can be fixed directly to drywall studs.



4. Trim off any excess material. Remove the last backing paper.

### → TECHNICAL DATA

Colour	Red
Condition	Ready for use, silicone based putty pad
Sound insulation	Minimum $R_w (C;Ctr) = 67 (-2;-7)$ dB
Air permeability	up to 1000 Pa, Leakage = 2,49 m <sup>3</sup> /h (positive pressure); 3,25 m <sup>3</sup> /h (negative pressure)
Density	1,55 g/ml
Application temperature	+4 °C to +40 °C
Service temperature	-70 °C to +120 °C
Usage category	Type Z <sub>2</sub> : Intended for uses in internal conditions with humidity lower than 85 % RH excluding temperatures below 0°C, without exposure to rain or UV
Methods used for the assessment	EAD 350454-00-1104 "Fire Stopping and Fire Sealing Products. Penetration Seals"
Approvals	ETA 25/0668 of 29/07/2025
Function preservation	25 years

### → FIRE RESISTANCE CLASSIFICATION

Type of socket boxes	Services	Max. aperture [wide x high]	FLEXIBLE / RIGID WALLS with thickness ≥ 100 mm	
			Installation	Fire resistance class
standard plastic socket boxes	∅ CABLES ≤ 14 mm	130 mm x 70 mm	Interior of box fully lined with pad	EI 60
standard steel socket boxes		134 mm x 74 mm		EI 60 / E 90
standard steel socket boxes with 25 mm metal extension box		134 mm x 74 mm		EI 60 / E 120
standard steel socket boxes with a max. 15mm air gap between back box and plasterboard		134 mm x 74 mm	Interior of box, air gap and plaster board fully lined	EI 90

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Type of socket boxes	Services	Max. aperture [wide x high]	FLEXIBLE / RIGID WALLS with thickness ≥ 100 mm	
			Installation	Fire resistance class
Schneider IMT 36026 plastic connection box	∅ CABLES ≤ 14 mm	72 mm x 90 mm	Fitted lining the back of the back box	EI 45 / E 60
ELKO 4189 1223720 plastic connection box		72 mm x 90 mm	Interior of box fully lined with pad	EI 90
ELKO 5421 123740 plastic connection box		73 mm x 73 mm		
Høiax PushFit system	∅ PEX PIPE ≤ 25 mm	174 mm x 64 mm or 50 ∅ x 25 mm	174 mm x 64 mm x 4 mm pad around pipe or 50 ∅ x 25 mm at back of the box	EI 90
Type of socket boxes	Services	Max. aperture [wide x high]	FLEXIBLE / RIGID WALLS with thickness ≥ 120 mm	
			Installation	Fire resistance class
standard plastic socket boxes	∅ CABLES ≤ 14 mm	130 mm x 70 mm	Interior of box fully lined with pad	EI 120

### ➔ SOLUTION DETAILS

