



PRODUCT DESCRIPTION

iiPASSIVE FR Putty Pads are an easy to apply fire and sound rated sealant supplied as a non-setting putty. The pad is hand workable, re-useable and re-serviceable due to its non-setting properties.

iPASSIVE FR Putty Pads will reinstate the fire rating of the partition for up to two hours (depending on the partition fire rating) in electrical sockets and switches that are installed in dry lining partitions. They will 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.

iPASSIVE FR Putty Pads are 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.

FEATURES

- Can be used for all dry lining applications
- Ready to use
- No special tools for application
- Solvent free (no VOC)
- Halogen Free
- Compatible with most building materials
- Non-setting
- Non-slumping
- Unaffected by moisture
- 120 minutes fire resistance in 100mm and 130mm dry lining
- Low pressure intumescence
- Cold smoke seal
- Sound insulating BS EN ISO 140-3:1995

SOUND INSULATION

Description	Sound reduction
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Putty pads for sockets	Rw 67 dB

iPASSIVE FR Putty Pads have been tested according to BS EN ISO 140-3:1995. Usage of any backing material is optional, due to the tests being conducted with iPASSIVE FR Putty Pads only.

TECHNICAL INFORMATION

Condition	Ready for use, acrylic based putty
Density	1.55 g/ml
Application temperature	+4 °C to +40 °C
Service temperature	-70 °C to +120 °C
Storage	Stored in temperatures between 5°C and 30°C
Working life	Under normal conditions; 25 years +
Slump ISO 7390	<0mm
Colour	Red
Packaging	20 pads per carton

EMISSION INFORMATION (INDOOR AIR QUALITY)

Compound	Emission rate after 3 days	Emission rate after 4 weeks
TVOC	190 µg/m ³	12 µg/m ³
TSVOC	< 5 µg/m ³	< 5 µg/m ³
VOC w/o NIK	13 µg/m ³	< 5 µg/m ³
R Value	0.10	< 0.0099
Formaldehyde	< 3 µg/m ³	< 3 µg/m ³
Acetaldehyde	< 3 µg/m ³	< 3 µg/m ³
Carcinogenic	< 1 µg/m ³	< 1 µg/m ³

Tested by Eurofins Product Testing

LIMITATIONS

iPASSIVE FR Putty Pads are not recommended for application on bituminous surfaces or substrates that can exude oils, plasticizers or solvents.

iPASSIVE FR Putty Pads are not recommended for underwater applications.

TESTED STANDARD

Tested and assessed in accordance with AS 1530.4 and AS 4072.1.

DISCLAIMER

As a part of our policy of on-going product development and testing, we reserve the right to modify, alter or change product specifications without giving notice. All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As iPASSIVE has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, are intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from these of the information given.

FR PUTTY PAD

TECHNICAL DATA SHEET



iPASSIVE

INNOVATIVE / FIRE / SOLUTIONS

FIRE RESISTANCE RATINGS

Construction	Services	Flush/socket box	Dimensions			Seal description	Aperture size	FRR
			Wide	High	Deep			
Flexible wall	Høiax 25mm PEX pipe	Single/double Høiax push wallbox 15mm				174x64x4mm pad around pipe/ Ø50x25mm at back of box	Ø63mm	-/90/90
≥100mm	Cables ≤ Ø14mm	UK standard double box, ≤22mm hole to accept cable	130mm	70mm	47mm	Interior of box fully lined with pad	135x75mm	-/60/60
	Cables ≤ Ø14mm	UK standard double box, ≤22mm hole to accept cable	135mm	75mm	50mm	Interior of box fully lined with pad, Back to back-1 fitted to each face	137x77mm	-/90/90
	2.5mm twin & earth	UK standard double box, ≤22mm hole to accept cable	135mm	75mm	50mm	Interior of box fully lined with pad, Back to back-1 fitted to each face	137x77mm	-/90/90
	Cables ≤ Ø14mm	Schneider Electric IMT 36026 connection box	72mm	90mm	50mm	Fitted lining back of the box, side by side-1 fitted to each face	73x91x51mm	-/60/30
	Cables ≤ Ø14mm	Elko 4189 1223720 connection box	72mm	90mm	58mm	Interior of box fully lined with pad, adjacent-1 fitted to each face	92x112mm	-/90/90
	Cables ≤ Ø14mm	Elko 5421 123740 connection box	73mm	73mm	55mm	Interior of box fully lined with pad, side by side-1 fitted to each face	74x74mm	-/90/90

USAGE

Protecta FR Putty Pads are supplied ready to fit, one pad required per socket box

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