



Technical Datasheet

2022

Knauf Putty Pads



Knauf FR (Fire Rated) 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.

Knauf Putty Pads

Product Description

Knauf FR (Fire Rated) 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.

When electrical sockets and switches are installed in dry lining partitions, the original fire rating of the partition is compromised.

Fitting Knauf (FR) Putty Pads will reinstate the fire rating of the partition for up to two hours (depending on the partitions fire rating) 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.

Knauf FR Putty Pads are shaped for use on both single 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.

Fields of Application

All surfaces must be clean and sound, free from dirt, grease and other contamination. Then remove the backing paper from one side of the pad and for:

Internal Fixing:

Insert the pad into the socket back box so that the pad completely covers the back and sides. Make a slit to allow the wires to pass through the pad.

Rear Fixing:

Place the pad over the socket back box so that the pad completely covers the back and overlaps onto the dry lining partition.

Knauf FR Putty Pads are suitable for sealing:

- Single Socket External (Rectangle) 170 x 170mm
- Double/Single Internal (Cross Shape) 230 x 170mm

Properties

- Can be used for all drylining 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
- Reserviceable
- 120 minutes fire resistance in accordance with ASTM E814-13a
- Low pressure intumescence
- Cold smoke seal
- Sound insulating BS EN ISO140-3:1995



Technical Data

Slump ISO 7390	mm	<0
Density	g/ml	1,6
Skin Forming Time 23°C /55%RH	min	N/A
Temperature Resistance	°C	-70 to 120
Shrinkage	%	None
Application Temperature	°C	+4 to +40



Fire Classification:

Knauf FR Putty pads has been tested in accordance with ASTM E814 - 13a



Sound Insulation

Knauf 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 Knauf FR Putty Pads only.

Calculated to BS EN ISO 717-1:1997

Limitations:

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

Store between +5°C and +25°C in cool dry conditions.

Usage:

Knauf FR Putty Pads are supplied ready to fit in boxes of 20.

One pad required per socket box.

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