

PP-FW130-03

Steel Media Panel in a flexible wall (130mm or thicker)

This standard detail is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guides. In line with the Company's policy of continual development, details are subject to change. Care should be taken to ensure this is the latest published detail and instructions.



Additional Instructions

Flexible walls to have a minimum 70mm wide stud and minimum 2no. layers of 15mm Gypsum boards in accordance with EN 520 or Calcium Silicate boards which are CE Marked based on an ETA, on both sides of the stud.

The Steel Multimedia Panel should be installed in accordance with manufacturer's recommendations and secured to proprietary support system.

Metal media panel with a depth $\leq 35\text{mm}$ are suitable, and metal extension frames can be used to extend the Metal media pane to the front face of the wall, as long as the overall depth is no greater than 82mm from the front face of the plasterboard wall.

The plasterboard should be cut tight around the Multimedia Panel.

Multiple Quelfire Intumescent Acoustic Putty Pads should be moulded to fully line the entire internal face of the Metal media panel ensuring a $\geq 3\text{mm}$ thickness is maintained.

A gap $\leq 5\text{mm}$ between the electrical socket box and back of the fire rated plasterboard is tolerable. PVA Glue is used on the exposed raw edges of the plasterboard layers before fitting the Quelfire Intumescent Acoustic Putty Pad. The Quelfire Intumescent Acoustic Putty Pad is extended (using additional material/offcuts) to sit flush with the front face of the plasterboard wall ensuring a $\geq 3\text{mm}$ thickness is maintained.

The Quelfire Intumescent Acoustic Putty Pad can be cut around cables and screws and resealed, ensuring that the original 3mm thickness is continued.

Excess Putty can be trimmed flush with the face of the wall.

This detail is specifically tested with the specification listed in the table below. Quelfire cannot comment specifically on other media panels and combinations, we recommend speaking to a qualified fire engineer for other situations.

Quelfire Putty Pad

Steel Media Box

Insulation

Plasterboard

Quelfire Products Required	
Product Code	Description
PUTPAD-S	Single Putty Pad
PUTPAD-D	Double Putty Pad

Service Type	Service Size	Aperture Size	Wall Positions	Minimum distance between multiple sockets on same side	Fire Rating
Deta S1987 Multimedia switched socket with 4 x 13A + TV + Phone Socket	252mm high 192mm wide 35mm deep	255mm wide 196mm high	Offset	100mm	E120 EI 90

To be read in conjunction with:	UL Classification Report 4790067615, Page 10
Test standard:	In accordance with BS EN 13501-2: 2016 with guidance from BS EN 1366-3
Substrate minimum thickness:	130mm
Drawing Scale:	Not to Scale
Issue Number:	2
Date of Issue:	January 2023
Detail Reference:	PP-FW130-03

Important Information:

1. The supporting construction must be installed in accordance with the manufacturer's guidelines and must be capable of achieving the required fire rating of the firestop.
2. All Services should be adequately supported either side of the firestop to ensure that no load is transferred onto the firestop seal.

Scope and Liability:

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