

PP-FW100-02

Single or Double Plastic Socket Box in a flexible wall (100mm 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 and/or withdrawal therefore you must ensure this is the latest published detail and instructions.

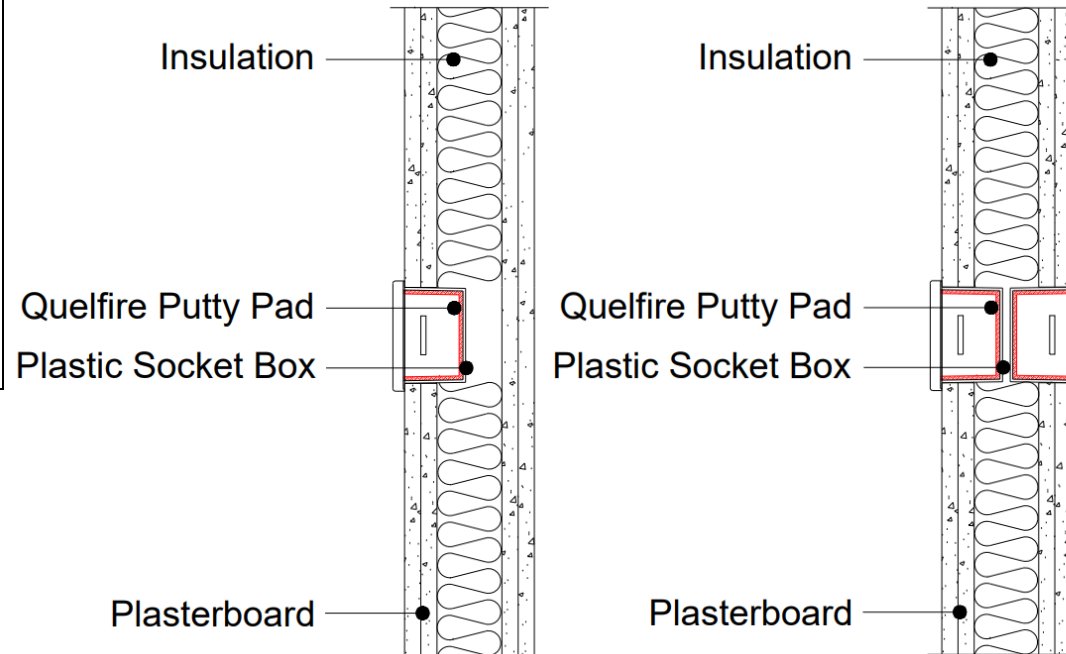
Additional Instructions

Flexible walls to be insulated and to have a minimum 50mm wide metal or timber stud and minimum 2no. layer of 12.5mm 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. For timber stud walls there shall be a minimum distance of 100mm from the penetration seal to any timber stud and the void between the stud and seal shall be filled with a minimum 100mm depth of Class A1 or A2 insulation.

Plastic electrical socket box installed in accordance with manufacturers recommendations.

Plastic socket boxes with a depth $\leq 47\text{mm}$ are suitable and must be installed flush with the face of the wall.

Follow the installation steps referenced in the [Quelfire Putty Pad Installation Instructions](#) guidance document.



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	Classification
Single Socket (1 Gang)	72mm wide 72mm high $\leq 44\text{mm}$ depth	75mm wide 75mm high	Offset	100mm	EI 120
			Back to Back		EI 90
Double Socket (2 Gang)	132mm 72mm high $\leq 44\text{mm}$ depth	135mm wide 75mm high	Offset		EI 120
			Back to Back		EI 30

****As per BS EN 1366-3:2021 section 13.6.3, services can be a circular shape equal to or less than the area tested.**

To be read in conjunction with:	UL-EU-01308-EN Issue 2 pages 13,14 & 16
Test & Classification standard:	BS EN1366-3 & EN13501-2
Substrate minimum thickness:	100mm
Drawing Scale:	Not to Scale
Issue Number:	3
Date of Issue:	October 2024
Detail Reference:	PP-FW100-02

Important Information:

- 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.
- 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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