

Acoustic Socket & Service Boxes

Introduction

Fabricated from 2 layers of 10mm thick high-density gypsum based board, SRS Socket and Service Boxes are designed to ensure the acoustic integrity of any metal or timber framed separating wall that contains sockets and/or services. The socket and service boxes have been designed in line with Robust Detail guidance, and are suitable for use with E-WT-1, E-WT-2, E-WS-1 and E-WS-2, as well as in standard applications where Robust Details are not required.

For clarification of any point, please contact the technical department on **01204 380 074** or e-mail: **info@soundreduction.co.uk**

Benefits

- Maintains acoustic integrity of walls containing sockets
- Robust Detail compliant – E-WT-1 / E-WT-2 / E-WS-1 / E-WS-2
- High acoustic performance
- Cost & time efficient
- Physically robust
- Easy to install
- Pre-fabricated
- Standard & Bespoke Sizes



SRS RD Compliant Socket Boxes

Designed to maintain the acoustic integrity of any wall lining or skin following the installation of flush mounted electrical sockets or light switches. SRS Socket boxes are also fully compliant with Robust Details E-WT-1, E-WT-2, E-WS-1 and E-WS-2. All 'standard' boxes are designed to accommodate a 35mm deep standard back box, allowing flush installation onto a 15mm plasterboard and skim. Please notify sales if you require specific sizing.

The boxes are provided with a timber strip to allow the installer to screw fix them securely in the cavity. It is advised that a bead of SRS Gripfix adhesive is applied to the edges of the box both to provide a seal and to permanently bond the box to the partition linings.

Single Socket/Switch Boxes

These can only be installed when there is complete access to the internal face of the skin of the partition, i.e. prior to fitting the opposing skin or to be fitted on the inside of a new skin.



Double (or larger) Socket/Switch Boxes








These can be fitted retrospectively into an existing partition, although it is easier to install them while the partition or lining is being installed.

Trim Acoustics Essential Components

Acoustic Socket & Service Boxes

Installation

We recommend that SRS Acoustic Socket Boxes are installed during "First Fix".

- Identify the location of each electrical socket/switch and cut a suitably sized opening in the plasterboard/Maxiboard skin to allow access to the backbox (typically 75mm by 75mm or 75mm by 135mm). 
- Remove the rear knockout from the metal electrical tray and drill a corresponding hole in the SRS Acoustic Socket Box to allow cable routing. The hole should be as small as the cable will allow. 
- Apply a bead of SRS Gripfix around the front edges of the SRS Acoustic Socket Box before fixing to the back of the plasterboard/Maxiboard. The SRS Acoustic Socket Box should be fixed using two 25mm drywall by fixing from the front, through the plasterboard/Maxiboard, into the softwood bearers. 

- When retro fitting into existing partitions, it is possible to "post" double or larger boxes through the rectangular opening in the plasterboard/Maxiboard skin, then using a length of stiff wire to pull the box against the inside face of the plasterboard. 

- The metal electrical tray should have grommets fitted to the holes, and can then be installed into the partition by either screwing or bonding to the SRS Acoustic Socket Box. The electrical unit in the fascia can then be connected by a suitably qualified installer. 
- To ensure the best acoustic performance, sockets and switches must not be located back to back.

Materials and Tools Required

SRS Socket Boxes, 30mm drywall screws (2x per box), 35mm deep metal backbox, switch/socket fascia, SRS GripFix. Craft knife, drill, mastic gun, stiff wire to fit retrospectively.

SRS RD Compliant Service Boxes

SRS Service Boxes are supplied in 1200mm lengths with a staggered end detail to allow boxes to be stacked to full room height. The overlap should be cut off the bottom box before installation to ensure that the enclosure is double boarded all the way to the floor. The boxes are designed to insulate standard 15mm or 22mm pipe work.



Physical Properties & Accessories

Dimensions

Single socket box: 157 x 117 x 37mm (external)

Double socket box: 217 x 117 x 37mm (external)

Service box: 1200 x 160 x 60mm (external)

Other sizes are available to order, please contact SRS for details.

Storage

SRS Socket boxes must be laid flat and kept dry. Do not stack other items on top of the boxes.