TECSEL® SOCKET COVER

SEALING SYSTEMS

EI 60

DESCRIPTION

The **Tecsel® Socket Cover** have been developed to provide maximum protection for penetrations created by the introduction of both single and double recessed switch/ socket boxes and to allow ease of fitting.

In a fire situation, the cover expands internally to fill all of the available space with a fire resistant highly insulating char. The fire is unable to penetrate the hole and the cover is able to give additional insulation protection to the wall void by reducing the chance of fire damage to flammable structural members. The penetration in the wall also provides a path for air, thus creating heat loss and drafts, the fitting of a **Tecsel® Socket Cover** significantly reduces this problem.

APPLICATION AND USE

The use of **Tecsel® Socket Cover** in walls is widespread in private, public and commercial buildings. The walls are subject to fire rgulations and most will have to be fire rated.

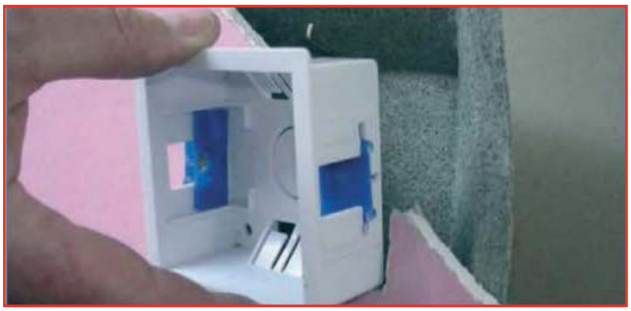
However, once a hole is made in the wall for a recessed switch or socket box, the integrity of the construction and its ability to perform in a fire can be reduced significantly, in addition the ability for the wall to provide an effective acoustic barrier is also impaired.

The prevention of fire from entering wall cavities and attacking the structure is critical to the overall fire integrity of the building.

To combat this **mercor tecresa®**, as part of its continuing development of passive fire protection solutions, has developed a **Tecsel® Socket Cover**.

KEY FEATURES & CUSTOMER BENEFITS

- Maintains the fire protection performance of the wall - preventing or delaying the spread of fire for up to 120 minutes.
- Prevents or delays fire from entering a wall cavity and attacking the building structure.
- Cover even works when fitted back-to-back in uninsulated walls.
- Provides an effective acoustic barrier to both impact and airborne sounds.
- Covers fit in seconds.
- The covers are pre-formed to fit the boxes.
- Simple and fast mechanical fixing, no adhesives, no mess.
- Can be fitted in dusty conditions.
- Can be retro fitted to existing sockets / switches or fitted during wall construction.
- Covers can be stapled in position if fitted during wall construction.
- Replaces time consuming plasterboard lining of sockets / switches.
- The switch / socket box can be removed without disturbing or replacing the cover.
- No additional screws, drilling or support required- saves money.
- Covers available to fit both single & double boxes.



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TECSEL® SOCKET COVER

SIZES

The **Tecsel® Socket Cover** are designed to fit all common single and double boxes.

DIMENSIONS	FORMAT OF SALE
152 x 130 x 40 mm	SMALL
200 x 130 x 40 mm	BIG

HEALTH AND SAFETY

The following considerations must be taken into account when handling **Tecsel® Socket Cover**:

- Wearing protective gloves to protect the hands is recommended.

TEST DATA

FIRE TESTING

- **BS EN 1366-3:2009 & BS 476:Part 20:1987.**

Tested for use in Plasterboard Partition Walls.

Fire Rating: BS 476 - EI 120 minutes

EN 1366-3 - EI 60 minutes.

Report No.: IF07001, IF07015, IF07055, RF12096 / Chiltern Fire

ACOUSTIC TESTING

- **BS EN ISO 140-3:1995 and BS EN ISO 717-1:1997**

Acoustic Rating: Up to 67 dB

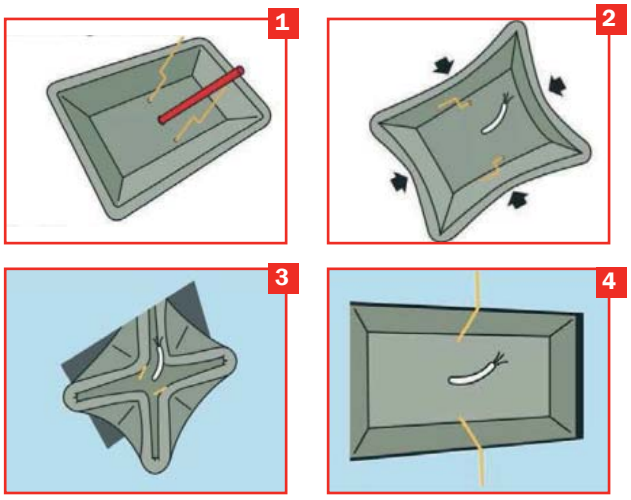
Report No.: 237429, 266220 / BRE

STORAGE

CKeep in a dry and well ventilated place.

Consult the safety datasheet for further information.

FITTINGS INSTRUCTIONS



1 Push wire legs through holes in cover

Pierce the cover with a pencil and pass through cables.

2 With the wire legs vertical, fold in sides until cover is a tight flat rectangle.

3 Holding on to the wire legs pass the cover through the switch / socket cut out and allow to spring back into shape.

4 Pull the wire legs through the cut out until the steps in the wire can locate on the face of the wall*, small notches can be made in the plasterboard to allow wire to sit flush.

Cut away excess wire from legs. Fit box as normal.

** In a wall with two layers of plasterboard on each face, the ends of the fixing wires can be pushed between the plasterboard layers.*

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