INTUMESCENT FIRE PROTECTION GASKETS RANGE

PRODUCT 30

FIRE PROTECTION GASKETS FOR DRY LINING BOXES

Since BS476 Part 22 1987 and now 2015 all euope including UK must have gasket in all resessed boxes to meet 90 minutes test requirements

Meeting new EN1364-1:2015 test standard

Double box gasket

Ordering References
Gaskets for plastic boxes
SSB Single shallow box
DSB Double shallow box
SDB Single deep box
DDB Double deep box
TDB Twinned single deep box
3DB Triple deep box

Performance
Envirograf® gaskets gave up to 90 minutes integrity and insulation in dry-lining boxes when tested to EN 1364-1:2015. Plastic boxes in ceilings/walls have also been tested to European Standards EN1365-2 (1999), NEN6069 (2005) and EN136401 (1999) for 84 minutes. EN13501-2:2007 for 108 minutes.

Gaskets are simply placed into plastic boxes and fixed to top and bottom of box with the self-adhesive backing tape. Shown here fitted into PVC box.
INTUMESCENT FIRE & ACOUSTIC PROTECTION GASKETS

PRODUCT 30

FIRE & ACOUSTIC PROTECTION GASKETS FOR DRY LINING BOXES

Test carried out at BTC Jan 2004 Acoustic

Meeting new
EN1364-1:2015 test standard
BS/EN ISO 140 Part 4

Unprotected openings for electrical sockets will reduce the acoustic performance of walls and compromise the resistance to fire. To comply with Documents B and E of the current UK Building Regulations, the integrity of the wall must be maintained, and this can be easily achieved with the Envirograf® Fire and Sound Trap (FST). This versatile product will encase airborne and impact sound and, in the event of a fire, the product will entrap the flames within the socket box for up to two hours, ensuring that there is no penetration of flames and smoke through the socket and into the wall cavity.

This streamlined product, with its double action design, will help to save lives and combat both airborne and impact sound. It is extremely flexible and it can be easily fitted in seconds to all types of electrical dry lining switches and socket boxes, thus saving valuable installation time. The Envirograf® Fire and Sound Trap (FST) can be fitted internally or externally to UPVC socket boxes and it has been tested in accordance with the principles of BS EN1366-3, achieving two hours of fire protection.

THE MAIN FEATURES OF THIS VERSATILE PRODUCT ARE:

- IT ONLY TAKES SECONDS TO FIT
- OFFERS BOTH ACOUSTIC AND FIRE PROTECTION
- COMPLIES WITH DOCUMENTS B & E OF CURRENT UK BUILDING REGULATIONS
- TESTED TO PRINCIPLES OF BS EN1366-3, ACHIEVING 2 HOURS FIRE RATING
- TESTED TO BS EN ISO 140 PART 4 MEETING THE REQUIREMENTS OF DOCUMENT E OF UK BUILDING REGULATIONS
- TESTED BY BTC FOR IMPACT AIR BOURNE SOUND

Ordering References
Fire and Sound trap for electrical boxes

Internal Fire & Sound Trap
- FST/INT/S/S Single shallow box
- FST/INT/D/S Double shallow box
- FST/INT/S/D Single deep box
- FST/INT/D/D Double deep box

External Fire & Sound Trap
- FST/EXT/S/S&D Single shallow & deep box
- FST/EXT/D/S&D Double shallow & deep box

Internal Fit

External Fit
INTUMESCENT FIRE PROTECTION GASKETS RANGE

PRODUCT 30 FOR RECESSED METAL BOXES

FIRE PROTECTION GASKETS FOR METAL BOXES

Since BS476 Part 22 1987 and now 2015 all euope including UK must have gasket in all resessed boxes to meet 90 minutes test requirements

Meeting new EN1364-1:2015 test standard

An intumescent gasket to adhere inside the metal box, can have holes cut into the gaskets to accommodate tubes and cables. For both single and double boxes, with larger gasket for cooker boxes etc. The gasket has double sided tape on the back to adhere to the inside of the metal box.

Where conduits pass through fire-rated ceilings and walls, it is a requirement to terminate each side with a BESA or universal box fitted with intumescent gaskets to stop fire penetrating. It is also a requirement to fit intumescent gaskets in the back of metal switch/socket boxes where they are back-to-back and cables pass through the wall. All dry lining boxes and metal boxes fitted in dry-lining walls must have intumescent gaskets fitted to comply with the 17th Edition IEE Regulations. To comply with Document E of UK Building Regulations (sound-proofing in plasterboard ceilings and walls), acoustic protection must be fitted for both impact and airborne sound. Envirograf® acoustic protection is approved by Robust Details and tested to Document E.

Performance

Ordering References
Gaskets for standard metal boxes
BEG Standard BESA Boxes
DPG Gasket for Double Metal Box
SPG Gasket for Single Metal Box
INTUMESCENT FIRE & ACOUSTIC PROTECTION GASKETS

PRODUCT 30 FOR RECESSED METAL BOXES

FIRE & ACOUSTIC PROTECTION GASKETS FOR METAL BOXES

Tested for Air Bourne Sound at BTC Jan 2004

APPLICATION INSTRUCTIONS

1. Insert the metal box into the wall.
2. Peel off the protective tape.
3. Insert the gasket and press firmly to attach to the box.
4. Cut the sponge around the cable.

Job done. You now have fully fire and acoustic protected metal box.

Ordering References
Fire and acoustic protection for metal boxes
SPG/APS/26 SINGLE METAL BOX 26mm DEEP
SPG/APS/37 SINGLE METAL BOX 37mm DEEP
SPG/APS/47 SINGLE METAL BOX 47mm DEEP
DPG/APD/26 DOUBLE METAL BOX 26mm DEEP
DPG/APD/37 DOUBLE METAL BOX 37mm DEEP
DPG/APD/47 DOUBLE METAL BOX 47mm DEEP
CBG/APC COOKER BOX

Meeting new EN1364-1:2015 test standard BS/EN ISO 140-3 1995

An intumescent gasket to adhere inside the metal box, can have holes cut into the gaskets to accommodate tubes and cables. For both single and double boxes, with larger gasket for cooker boxes etc.
The gasket has double sided tape on the back to adhere to the inside of the metal box. The acoustic sponge gasket has corners cut to allow quick & easy application onto the box.

SINGLE METAL BOX SET
Both come pre-fitted together.

DOUBLE METAL BOX SET
Both come pre-fitted together.

Performance
INTUMESCENT FIRE & ACOUSTIC PROTECTION GASKETS

PRODUCT 30 FOR RECESSED METAL BOXES IN DRY LINING WALS

FIRE & ACOUSTIC PROTECTION GASKETS FOR QUAD METAL BOXES

Since BS476 Part 22 1987 and now 2015 all europe including UK must have gasket in all reessed boxes to meet 90 minutes test requirements

IDEAL FOR FITTING BEHIND HANGING TV SETS/SCREENS FOR USE WITH 4 FLUSH, METAL DOUBLE BOXES

Envirograf Fire and Acoustic cover and gaskets, custom made to fit the K14101 set of electrical double boxes. The acoustic sponge to fit to the outside of the boxes, across the back and around the 4 sides of the unit with double sided strip to adhere to the boxes.


Acoustic Performance:
BS EN ISO 140-3: 1995 63dB (-2,-8)

Ordering References
Fire & Acoustic protection for Quad Metal Box
DPG/K1N Quad Metal Box 47mm Deep

INTUMESCENT FIRE PROTECTION GASKETS RANGE

PRODUCT 30 CEILING ROSE GASKETS

Meeting new EN1364-1:2015 test standard

The Intumescent Red Gaskets come in 2 halves for ease of adhering them to the inside of the metal boxes.

Ordering References
CRG Gasket for Ceiling Rose
ICRG Internal Gasket for Ceiling Gasket
MTC Square intumescent cover for Marshall-Tufflex or similar dry lining box
MTC/A Acoustic & Intumescent cover for Marshall-Tufflex or similar dry lining box
GBOX/R Circular ceiling Rose box 32mm deep with intumescent gasket - complete unit