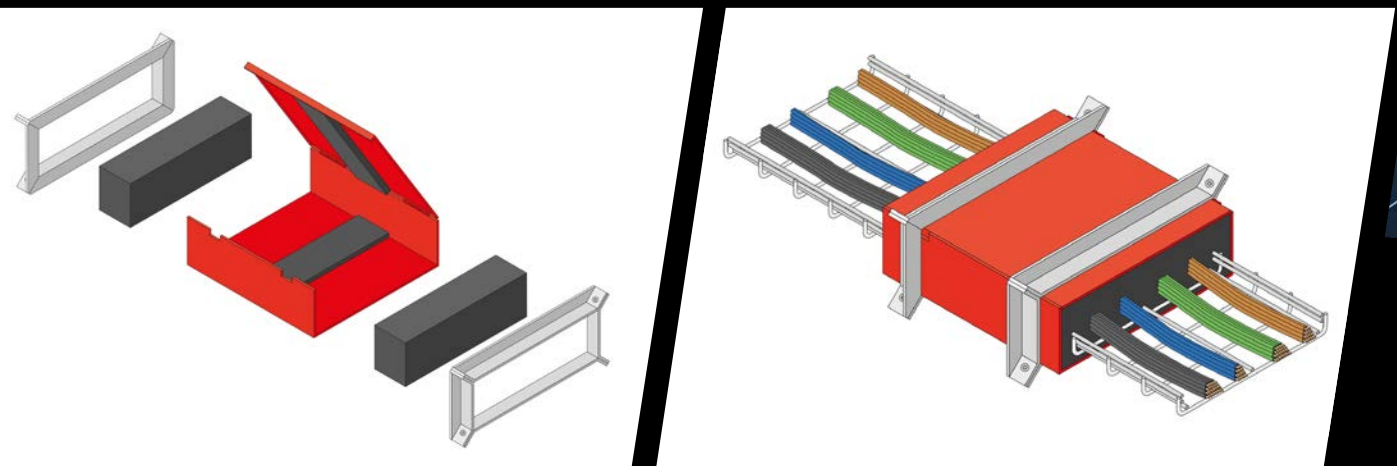


# Fireproof box



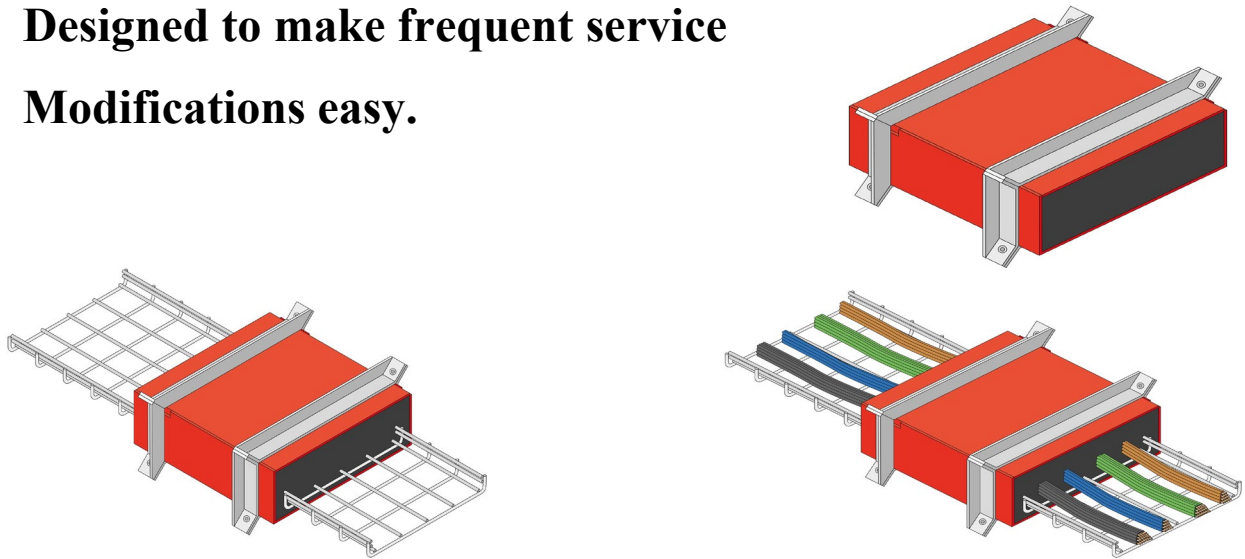
The right size box is available  
for every cable tray.



Classified according to EN 13501 – 2 for 120 minutes

**Designed to make frequent service**

**Modifications easy.**



IBMO Fireproof box comprise a range of circular and rectangular devices designed to be installed in fire resistant walls and floors where cables and other services are required to penetrate. Under fire conditions the foam plugs at each face of the transit restrict the passage of smoke whilst the intumescent material within the transit expands to form a durable plug around the services maintaining the fire integrity and insulation performance of floor or wall.

### **Key features and benefits**

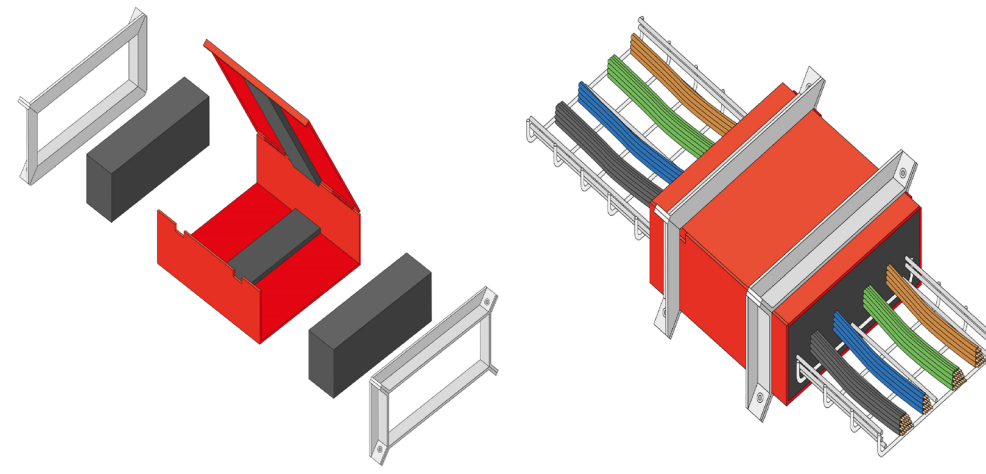
- Available in a wide range of sizes from 55mm diameter to 1100mm x 125mm
- Constructed from steel with a corrosion resistant powder coating finish
- Hinged to allow for installation around existing services
- Smaller square transits able to be combined together to make larger units (2x, 3x and 6x)
- Up to four hours fire resistance (EI240)
- Approved for use in partitions and masonry walls of 100mm or greater thickness
- Can be used with wide range of cables along with small plastic and metal pipes with combustible nitrile rubber insulation
- Largest transit can accommodate 2x 500mm wide cable baskets positioned side by side
- Qualified for use at temperatures below 0°C and in high humidity
- Simple and quick to install, maintenance free
- Non-toxic, low smoke, mould resistant, halogen free and zero VOC
- Quality assured including ISO 9001, CE Marking and independent third party product certification

### Typical applications

- Floor and wall fire seals in highly serviced buildings such as data centres where frequent changes to cable runs can be expected
- Use in theatre and other entertainment buildings where there is a periodic need to pass electrical and similar services through fire resistant compartmenting structure
- Forming blank penetration seals to allow for the later addition of services without the need for wet systems or specialist labour

### Testing and certification

- Extensive testing to EN 1366-3: 2009 providing up to 4 hours fire resistance in conjunction with a wide range of cables and other service penetrations
- Fire Classification to EN 13501-2 and CE Mark (ETA 21/0207)
- Mechanical and durability testing to EAD 350454-00-1104;Y<sub>2</sub> (-5°C,70°C)
- Third party product certification with UL International (Certificate # UL-EU-00772)



If required boxes can be made to any required width from 125mm wide to 1100mm wide x 125mm high.

| Art no.                | Description             | Size in mm | Length in mm | Type      |
|------------------------|-------------------------|------------|--------------|-----------|
| <b>Fireproof Boxes</b> |                         |            |              |           |
| <b>BB 65</b>           | Fireproof box 65        | 65x65      | 254          | Square    |
| <b>BB 102</b>          | Fireproof box 102       | 102x102    | 254          | Square    |
| <b>BB 250</b>          | Fireproof box 250       | 250x125    | 254          | Rectangle |
| <b>BB 350</b>          | Fireproof box 350       | 350x125    | 254          | Rectangle |
| <b>BB 450</b>          | Fireproof box 450       | 450x125    | 254          | Rectangle |
| <b>BB 550</b>          | Fireproof box 550       | 550x125    | 254          | Rectangle |
| <b>BB 650</b>          | Fireproof box 650       | 650x125    | 254          | Rectangle |
| <b>BB 1100</b>         | Fireproof box 1100      | 1100x125   | 254          | Rectangle |
| <b>BBR 50</b>          | Fireproof box round 50  | Ø 50       | 254          | Round     |
| <b>BBR 102</b>         | Fireproof box round 102 | Ø 102      | 254          | Round     |

Square Boxes can be grouped together in 2's; 3's; 4's or 6's which is described as a two-plex; three-plex; four-plex or six-plex installation.

