

Transtech Certified Fire Rated Enclosures.



1. Lloyds Register of Shipping – Certificate MCH 7000327

2. IEC 331. 1970 > IEC 60331 > AS/NZS 1660.5.5 (technically aligned to IEC 60331)
(750°C for 3 hours followed by visual inspection • Then 5kV insulation resistance test)

3. BS6387 Fire Test - 3 separate tests

1. Fire alone: Category C • Flame at 950°C for 3 hours, cables powered
2. Fire with Water: Category W • Flame at 650°C for 15 minutes then flame and water spray for 15 minutes
3. Fire with Mechanical shock: Category Z • Flame at 950°C with mechanical shock applied at 15s intervals for 15 minutes.

CAPABILITY SUMMARY

FIRE RATED ENCLOSURES, APPLICATIONS & EXPERIENCE

When installing essential systems such as emergency lighting or fire safety controls, great emphasis is placed upon the fire survivability of the critical components such as fire dampers, actuators and cables that are contained in the area.

Often the specification of the junction boxes is neglected with respect to fire survival.

On the basis that any system is only as good as the weakest part, it is important that attention is paid to the junction boxes being utilised for essential systems. ABTECH have many years experience of ensuring the fire survival of junction boxes using both the **SX** (stainless steel) and **BPG** (glass reinforced polyester) ranges.

ABTECH have supplied major projects worldwide with fire rated junction boxes including the Channel Tunnel, Dartford Tunnel and the Tengiz Oil Refinery in Kazakhstan to name but a few.

In conclusion, the ABTECH SX and BPG ranges, when fitted with ceramic terminals, are suitable for use in areas which are designated to require fire resistant cables. The type of enclosure to be used will depend on the individual circumstances of the area and advice on the most suitable enclosure should be sought from Transtech's Technical Sales Department on 08 93022044.



Available on ABTECH Stainless Steel and GRP ranges.

IEC331 Fire Test

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- Note: All fire rated enclosures must be fitted with ceramic terminals