

Intumex® SB - Bulkhead Sealer System

General Information

Intumex® SB is made from high density mineral wool. The mineral wool is coated with Intumex® SB, which will remain in place during a fire and form a barrier against fire.

Intumex® SB is the simplest of all fire stopping products to use. It is also one of, if not the most economical product to use.

It can be used in wall and floor applications and has been tested for up to 2 hours with various services penetrating the fire-resisting element.

In many buildings, power cables, (such as computer and telecommunication cables) are being continuously added and removed. The Intumex® SB enables this process to be carried out with the minimum amount of mess and inconvenience.



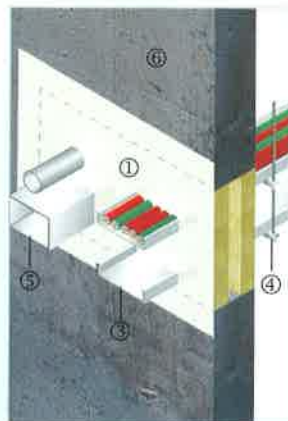
Reaction

Intumex® SB has been successfully tested in wall and floor constructions for up to 2 hours. Tests were carried out to AS 1530: Part 4: 1997 and BS 476: Part 20: 1987 and achieved a Fire Resistance Level of -/120/120 on the un-penetrated system. Insulation Criteria will vary if measured on service penetrations. A -/120/120 system consist of a double layer of coated batts when installed in a floor or wall of the same or greater fire rating and a -/120/90 system consists of a single coated batt when installed in a floor of the same or greater fire rating.

Packaging

- Pre-coated batts measuring 1.2m x 0.6m.
- 5kg containers of sealer.

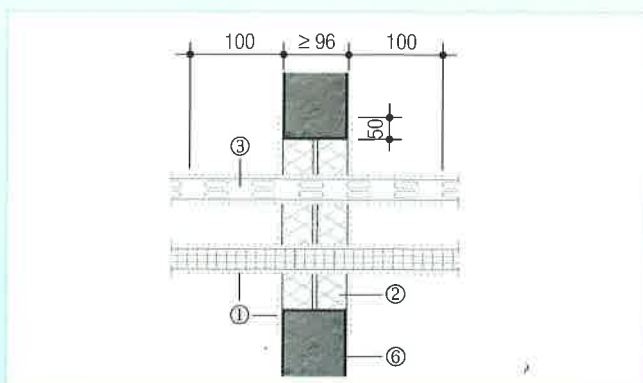
Intumex® SB - Applications



Intumex® SB - Bulkhead Sealer System

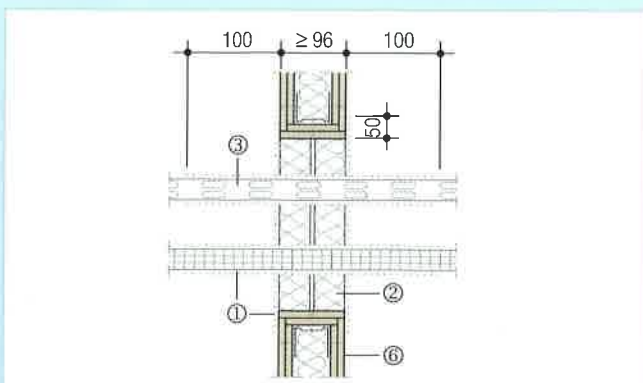
- ① Intumex® SB Bulkhead Sealer System 1-2mm thick
- ② Mineral wool panels, 2 x 50mm thick
- ③ Cable trays
- ④ Suspension or support of cable trays
- ⑤ Cables, cable bunches, optical waveguides, metal pipes or service trunking
- ⑥ Brickwork or concrete walls, with fire resistance $\geq$ the fire resistance of the installed system
- ⑦ Solid slab, with fire resistance $\geq$ the fire resistance of the installed system

NOTE: Insulation criteria will vary depending upon the system used and the services.



Intumex® SB - Lightweight partition

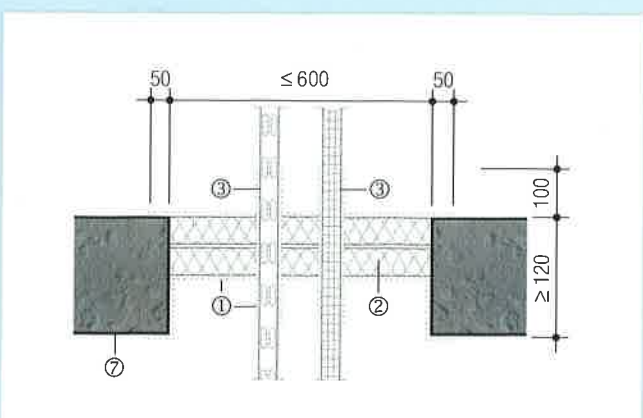
The lightweight partitions should be tested to either BS 476: Part 22 or AS 1530.4 to the same or greater period of fire resistance as the Bulkhead System.



Intumex® SB - Solid wall

Intumex® SB may be mounted in brickwork, concrete or lightweight walls ≥ 96 mm thick, provided the fire resistance is higher or equal to the installed system.

For installations in thicker walls, the mineral wool panels are arranged as a flush surface on both sides with a suitable gap in between. For cable seals, the cable trays have to be supported on both sides nominal 100mm before the wall opening ④.



Intumex® SB - Floor penetration

Typical arrangement of cable trays within Intumex® SB.
Wall Opening ≤ 1000 mm high with

maximum 1m^2 surface area
 ≤ 500 mm high x unlimited length

Floor Opening ≤ 600 mm wide x unlimited length
when supported every 500mm (maximum)

≤ 300 mm wide x unlimited length
unsupported at joins

For more information on application, please check with your local supplier or nearest Intumex office.