



Up to -/120/120 fire resistance in accordance with the requirements of BS 476: Part 20: 1987, BS EN 1366: Part 3: 2009 and/or AS 1530: Part 4: 2005, depending on applications and types of penetrating elements; insulation time is the measured time to insulation failure on surface of the PROMASEAL® Bulkhead Sealer

In some instances, where insulation measured upon the penetrating elements is the required criteria, this time to insulation failure can be substantially shorter, e.g. metal pipes penetrating the floors. If insulation measured upon the penetrating elements is a specified performance criteria, please consult Promat about the use of PROMASEAL® Wrap

- ❶ PROMASEAL® Bulkhead Sealer coating (or PROMASEAL®-A Acrylic Sealant), with minimum 100mm length of coating on the penetrating elements measured from the openings
- ❷ PROMASEAL® Electrical Junction Seal (see page 55 for details)
- ❸ One layer of PROMASEAL® Bulkhead batten 50mm thick (coated both sides) x minimum 120kg/m<sup>3</sup> for up to -/120/60\* fire resistance or two layers of PROMASEAL® Bulkhead batten 50mm thick x minimum 120kg/m<sup>3</sup> for up to -/120/120 fire resistance  
\*For performance up to -/120/90, minimum 170mm thick concrete or masonry floors are required.
- ❹ PROMASEAL® Wrap
- ❺ Non combustible metal pipes
- ❻ Electrical cables supported with cable tray or steel trunking
- ❼ Fire resistant concrete or masonry floors

PROMASEAL®-A Acrylic Sealant (not shown above) should be liberally applied to all joints and contact points between the Bulkhead barrier and items ❹ or ❺ AND between the barrier and the floor

PROMASEAL® Bulkhead Sealer System is made using high density mineral wool that is coated with PROMASEAL® Bulkhead Sealer. The coated mineral wool remains in-situ during a fire situation and forms a barrier against the passage of flame, smoke and toxic gases.

The system is the simplest of all fire stopping products to install. It is also one of, if not the most economical product to use. It can be installed in both concrete/masonry floors and walls (with an equal or

greater fire resistance level) and has been tested up to 120 minutes with various penetrating applications.

In many buildings, power cables (e.g. information technology and telecommunication services) are continuously added, altered and removed. PROMASEAL® Bulkhead Sealer System enables this process to be carried out with the minimum of mess and inconvenience.



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In some instances, where insulation measured upon the penetrating elements is the required criteria, this time to insulation failure can be substantially shorter, e.g. metal pipes penetrating the walls. If insulation measured upon the penetrating elements is a specified performance criteria, please consult Promat about the use of PROMASEAL® Wrap

- ① PROMASEAL® Bulkhead Sealer coating (or PROMASEAL®-A Acrylic Sealant), with minimum 100mm length of coating on the penetrating elements measured from the openings
- ② One layer of mineral wool 50mm thick x 120kg/m<sup>3</sup> for up to -/120/90 fire resistance or two layers of PROMASEAL® Bulkhead batten 50mm thick x minimum 120kg/m<sup>3</sup> for up to -/120/120 fire resistance
- ③ PROMASEAL® Wrap
- ④ PROMASEAL® Retrofit Collar (square base) fixed through the batt with a threaded rod
- ⑤ Non combustible plastic pipes with appropriate support within 300mm from both sides of the Bulkhead barrier
- ⑥ Electrical cables supported with cable tray or steel trunking within 300mm from both sides of the Bulkhead barrier
- ⑦ Fire resistant concrete or masonry walls

PROMASEAL®-A Acrylic Sealant (not shown above) should be liberally applied to all joints and contact points between the Bulkhead barrier and items ③ or ⑤ AND between the barrier and the floor

PROMASEAL® Bulkhead Sealer Systems are non loadbearing. It is advisable to place a visible warning sign near all barriers to identify its characteristics/inherent properties, with wording similar as follows:

Loadbearing systems are available. Please consult Promat for complete details.

WARNING: THIS IS A FIRE RESISTANT BARRIER. DO NOT DISTURB. DO NOT WALK OR PLACE ANY LOADS ON OR AGAINST THE BARRIER. IF THE BARRIER IS DAMAGED CONTACT ..... (name of installer) IMMEDIATELY.