

Product

SNAP Fire Seal is an acrylic-based fire rated acoustic sealant (FRAS), designed for penetration seals where fire resistance and/or acoustic ratings are required.

Uses

SNAP Fire Seal is to be used in conjunction with other SNAP products as part of a passive fire protection system. SNAP Fire Seal can also be used by itself to provide protection. Applications include:

- Annual gap sealing around plastic and metal pipes
- Sealing around conduits and cables

Note: Refer to the SNAP website for all approved applications and details on product application.

Characteristics

- Australian made
- Easy application with water clean-up
- Non-toxic and low odour (contains no heavy metals such as antimony, cadmium, lead or mercury)
- Asbestos and Isocyanate free
- Excellent acoustic properties
- UV stability and weather resistance
- Paintable with no priming required

Standards Compliance

SNAP Fire Seal has a fire rating up to 4 hours alone and as part of a passive fire protection system. It is tested to AS1530.4 and AS4072.1.

Note: Refer to the SNAP website for all approved applications and details on product application.

SNAP Fire Seal meets the requirements of LEED Certification: Indoor Environmental Quality - Credit 4.1 (Low-Emitting Materials: Adhesives and Sealants).

Surface Preparation

Ensure substrate surfaces are clean, sound, dry and free of oil, grease and surface contaminants such as dust, loose particles, release agents, silicone and water repellents. This is important for highly porous surfaces such as aerated concrete or cut edges of plasterboard. In circumstances where it is difficult to ensure completely dust-free surfaces, using a brush with a 1:1 solution of SNAP Fire Seal and water as a primer will assist to improve the integrity of the substrate.

Application

Apply SNAP Fire Seal in ambient conditions between 5°C and 35°C. Higher temperatures should be avoided due to rapid moisture evaporation. Do not apply below 5°C.

Fill and finish penetration as described with caulking gun.

Protect from water for at least 24 hours until a suitable skin has cured (will require significantly longer at temperatures below 15°C). Some shrinkage is normal during curing and should be anticipated.

Curing

Time to cure is highly variable and depends on weather conditions, ambient temperature and depth of joint. Allow longer curing times in cold or damp conditions. Do not allow water contact until at least a thick-skinned surface has formed.

SNAP Fire Seal is not recommended for use in external applications.

Clean Up

After applying SNAP Fire Seal, clean all tools and metal surfaces with warm water while the sealant is still wet. Cured sealant will need to be removed mechanically.

Painting

SNAP Fire Seal is suitable for painting when cured. To minimize paint cracking, at least 24 hours should be left before painting where possible. In standard conditions (25°C), SNAP Fire Seal may be painted after 6 hours, however, care should be taken to ensure a flexible acrylic coating is used and that a firm skin has developed. In cooler conditions or where the humidity is high, allow a longer cure period before painting.

Limitations

- Do not apply to wet surfaces
- SNAP Fire Seal sealant may be used both for interior and exterior sealing, but not suitable for use in water retaining structures or where pooling of water may occur
- SNAP Fire Seal is not recommended in external applications where 2 non-porous substrates are to be sealed
- SNAP Fire Seal sealant has good servicing characteristics when unprotected in internal applications

Safety Information

SNAP Fire Seal is not considered hazardous under the classification of GHS WHS Version 3.

Disclaimer

This technical data sheet summarises at the date of issue to the best technical knowledge of SNAP Fire Systems Pty Ltd. As SNAP cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this technical data sheet in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for the products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.