

Promaseal®-A Acrylic Sealant

PRODUCT DESCRIPTION

Promaseal®-A Acrylic Sealant is a fire-rated, single-component, acrylic-based sealant designed for passive fire protection in construction joints and service penetrations. It provides durable sealing of static joints in walls and floors, preventing the spread of smoke, fire, and heat.

This water-based, low-VOC, and paintable sealant offers excellent application properties and can be easily finished with common emulsion paints. Suitable for annular gaps, wall and floor joints, and use in conjunction with non-combustible insulation materials, Promaseal®-A provides a reliable and compliant solution for fire-rated sealing applications.



FEATURES & BENEFITS

- Fire-rated acrylic sealant for walls and floors
- Tested and certified: EN 1366-4, EN 13501-2, ETAG 026-2/3
- Prevents spread of smoke, fire, and heat
- Easy to apply and tool for clean, professional finish
- Paintable with common emulsion paints
- Low-VOC, water-based formulation
- Environmentally sustainable – EPD verified (ISO 14025 / EN 15804+A2)

SPECIFICATION

Product Code	Description
113619	Promaseal®-A Acrylic Sealant – Grey – 600 ml sausage
119362	Promaseal®-A Acrylic Sealant – White – 600 ml sausage

TECHNICAL SPECIFICATIONS

STANDARDS COMPLIANCE

- EN 1366-4 – Fire resistance tests for service installations
- EN 13501-2 – Classification of construction products and building elements
- ETAG 026-2/3 – Guideline for fire-stopping products
- Environmental Product Declaration (EPD) verified to EN 15804+A2 & ISO 14025

SHELF LIFE & STORAGE

- Shelf life: 12 months unopened in original packaging
- Store between +5 °C and +30 °C in a cool, dry environment
- Protect from frost and direct sunlight

APPLICATIONS

Promaseal®-A Acrylic Sealant is used for:

- Sealing joints in walls and floors (without movement).
- Annular clearance seals between structural components and non-combustible insulation.
- Fire-rated construction where compliance with EN 1366-4, EN 13501-2, and ETAG 026-2/3 is required.
- Internal applications where paintable, fire-rated sealing is necessary.

DESIGN CRITERIA

- Declared unit: 1 kg of sealant
- Typical joint applications: static, non-movement joints
- Suitable substrates: concrete, masonry, precast elements, non-combustible insulation
- Service life: aligned with building design life under normal use
 - Available sizes:
 - 113619 – Grey – 600 ml sausage
 - 119362 – White – 600 ml sausage

TECHNICAL SPECIFICATIONS

TYPICAL PERFORMANCE DATA

Property	Value
Appearance	Paste
Colour	Grey / White
Density	~1.6 g/cm ³
Tack-free time	~45 min (23 °C, 50% RH)
Cure rate	~2-3 mm/day
Service temperature	-20 °C to +70 °C
VOC content	< 60 g/L
Fire classification	EN 13501-2

APPLICATION INSTRUCTIONS

PREPARATION

- Substrates must be clean, sound, and free from dust, oil, laitance, or contaminants.
- For porous surfaces, ensure removal of loose particles.
- For best results, mask edges to maintain clean joint lines.

APPLICATION

- Tack-free within approx. 45 minutes at 23 °C / 50% RH
- Full cure dependent on joint depth and ambient conditions

CURING

- Tack-free within approx. 45 minutes at 23 °C / 50% RH
- Full cure dependent on joint depth and ambient conditions

LIMITATIONS

- For internal applications only (not suitable for movement joints or external exposure)
- Do not apply on wet or frozen substrates
- Not suitable for continuous water immersion
- Do not use on polyethylene, polypropylene, PTFE, or bituminous surfaces

CLEANING

- Clean uncured material with water or a damp cloth
- Cured material must be removed mechanically

COVERAGE

(Per 600 ml sausage, typical yields)

- 6 m of 10 × 10 mm joint
- 3 m of 10 × 20 mm joint

SAFETY INFORMATION

CLASSIFICATION

- Not classified as hazardous under GHS
- No REACH SVHC substances >0.1%

PRECAUTIONS

- Use only in well-ventilated areas
- Avoid contact with eyes and skin
- Wash hands after use

FIRST AID

- **Inhalation:** Move to fresh air. Seek medical advice if symptoms persist
- **Skin:** Wash with soap and water
- **Eyes:** Rinse cautiously with water for several minutes. Seek medical advice
- **Ingestion:** Rinse mouth, do not induce vomiting, seek medical help

FIRE FIGHTING MEASURES

- Non-flammable under normal conditions
- May produce CO/CO₂ fumes under fire conditions
- Suitable extinguishing media: water spray, foam, dry powder, CO₂

ACCIDENTAL RELEASE MEASURES

- Collect with inert absorbent material (sand, soil)
- Prevent from entering drains and waterways
- Dispose of in accordance with local regulations

TRANSPORT INFORMATION

- Not classified as Dangerous Goods under ADG, IMDG, or IATA
- No UN number or Hazchem code allocated