



Novia AirSeal 310 FR is a halogen free, polymer emulsion-based cartridge sealant. It is easily applied and dries to a flexible and smooth surfaced material which provides movement capability in fire rated linear joint and penetration seals. It is readily over paintable. It has excellent adhesion to a wide range of substrates and will not harden or crack with age.

SPECIFICATION COMPLIANCE

Novia AirSeal 310 FR has been independently tested to the following assessments:

- 1/ Fire tested to the requirements of BS EN 1366-4 (linear gaps).
- 2/ Tested to the requirements of ETAG 026 Parts 2 & 3 to demonstrate durability. (Appendix A)
- 3/ BS EN 1634-1 2014 + A1 2018 – FD30 & FD60.
- 4/ BS EN ISO 10140-2. 2010 Measurement of Airborne Sound Insulation of Building elements. University of Salford reports 2612-76;77 and 79 to 81. The sealant maintained the integrity of a plasterboard partition wall with a Sound Reduction Index of 55dB.
- 5/ VOC test report classification – M1 and Indoor Air Comfort GOLD®.

APPLICATIONS

Novia AirSeal 310 FR forms a fire and smoke seal in joints up to 35mm wide without slumping. It is ideal for sealing joints such as:

- Air and Vapour Control Membranes
- In and around internal partitions where flexibility may be required
- Linear gap seals. Vertical or horizontal at head or foot of wall

TECHNICAL DETAILS

Movement Accomodation	+/-12.5% Conforms to ISO 11600 F 12.5P
Durability (ETAG 026-2&3)	Category Z1 (-10/+70°C) suitable for intended use at temperatures between -10°C and +70°C) internal use high humidity
Skinning Time	15 minutes to 1 hour depending on conditions
Cure Time	5 to 15 days for 15mm x 20mm bead
Hardness Shore A	35 - 45
Tensile Strength (100%)	0.2 MPa
Paintability	With most paints when cured
Application Temperature	+5 to +40°C
Cleaning	Uncured sealant with water
Specific Gravity	1.60 - 1.68
Shelf Life	Minimum 24 Months in unopened containers
Colour	Blue

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DS0623_Air310FR



AirSeal 310 FR Sealant Cartridge

APPLICATION INSTRUCTIONS

To achieve a high-quality joint, ensure surfaces are dry and free of all dirt, oil, and loose material, using a wire brush if necessary. Non porous surfaces should be degreased using a suitable degreasing agent. Highly porous surfaces should be sealed with a suitable primer. For a cleaner finish, apply masking tape to each side of joint and gun sealant firmly into joint, smoothing off with a wetted spatula. Masking tape should be removed within 10 minutes of application.

COVERAGE

1 tube is sufficient to produce approx. 1m using a 20mm x 15mm bead.

AVAILABLE PACK SIZES

310ml from stock. Other pack configurations are available to order.

STORAGE

Store in cool dry conditions, and protect from frost.

HEALTH AND SAFETY

Novia AirSeal 310 FR presents no known health hazards when used as recommended. Consult Health and Safety data sheet for further information. As with all chemical products, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes, and mouth. If accidentally ingested, seek medical attention do not induce vomiting and give copious amounts of water to drink. Always keep away from children and animals.

FURTHER INFORMATION

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable; each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.



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