



AirSeal 310 Sealant (Cold Weather)

For Air & Vapour Control Layers

Novia® AirSeal 310 is a high tack sealing compound manufactured from a solvent free polyacrylic emulsion. It can be used for additional internal airtightness sealing applications for high specification Air & Vapour Control Layer (AVCL) installations. A permanent seal, with some residual elasticity, is achieved once the curing period has elapsed. **Novia® AirSeal 310** is suitable for use on solid construction elements, in accordance with DIN EN 4108/7.

Novia® AirSeal 310 should be used in all applications where additional sealing is required, for example internal corners, floor sections or window reveals. **Novia® AirSeal 310** should be used in addition to Novia's other AVCL installation tapes: **Novia® Double-Sided Butyl Tape** and single-sided **Novia® Aluminium Foil Tape** or **Novia® Metallised BOPP Tape**.

All surfaces should be dry, clean and free from debris, frost and grease. Prepare all dusty, loose or oil contaminated surfaces to present a clean and solid surface. Unprepared surfaces will not seal correctly. The use of a suitable cleaning agent may be required. It is also advised that pre-treating of surfaces with a primer may be required in some situations.

Coverage: 1 cartridge is sufficient to produce approximately 1m linear length, using a 20mm x 15mm bead.

Ventilate the area well for a minimum of 24 hours, until **Novia® AirSeal 310** has cured. However, depending on the ambient conditions this may take several days.

Due to the wide variety of construction materials available, it may be necessary to test the suitability of the surfaces and substrates to be sealed prior to use. **Novia® AirSeal 310** is not suitable for use as the load-bearing element of a system, so the use of mechanical fastenings is always required. Use galvanised or stainless fixings that will be permanent, and are strong enough to support the weight of the installation.

Fire Rated Airseal 310FR Sealant

For applications where additional fire safety is desired, we offer **Novia® AirSeal 310FR** which forms a fire and smoke seal in joints up to 35mm wide. See **Novia® Airseal 310FR** datasheet for further product specific information.

Nominal Technical Data

	Value	Units
Cartridge Size	310	ml
Material Density	1.02	kg/l
pH Value	7.2 / 7.8 Mildly Alkaline	
Application Temperature	-10 to +40	°C
Temperature Resistance	-20 to +80	°C
Colour	Blue	
Shelf Life	12 Months unopened. Stored in a dry, frost free environment between +5°C to +25°C without direct sunlight	



Cartridge Size:

310ml each.

Other sizes available.

MOQs and lead times apply.

Cold Weather Airseal310:

Novia® AirSeal 310 is suitable for use in colder months (November to March*) with installation temperatures ranging between -10°C (with care) and +40°C

Fire Rated Airseal 310FR:

Novia® AirSeal 310FR is suitable for use when installation temperatures range from +5°C and +40°C. In colder months efforts to ensure the installation temperature on site exceeds +5°C should be made, particularly for installations of **Novia® VC4000FR AVCL**.

*Months are given as guidance only, based on average UK temperatures. Designers and installers are encouraged to make sure the correct material is selected for the specific conditions during installation.



Scan the QR code below to visit the product webpage



DS0724_AirSeal310

This datasheet represents the latest understanding of the subject. However, it is for the ultimate user to determine suitability of Novia products within specific applications. The advice and information we have provided is general in nature, and is subject to future revision.

NOTE: COSHH safety datasheets available upon request.

Date Published: V2, July 2024. Novia's most recently published datasheet supercedes any previous versions which may still be in circulation.