

Technical Datasheet

DuPont™ AirGuard® Sealant

Product Description & Application

Cartridge applied sealant with high initial adhesion and fast functional strength for internal building work. Recommended for bonding of an AirGuard® vapour control layer (AVCL) to various solid construction surfaces to achieve an airtight seal. Also suitable for joint-filling and ideal for use in confined areas where an adhesive tape is difficult to apply, such as corners of windows and doors. It provides excellent adhesion to most surfaces, such as stone, masonry, timber, gypsum based products and fibreboards. Sealant is solvent free and provides a consistent and stable non-drip solution (thixotropic).

Specifications

PROPERTY	VALUE
Stylename	1211S
Colour (after hard-dry)	Light-blue
Temperature range (after hard-dry)	-30 °C up to +80 °C
Processing temperature	-5 °C up to +30 °C
Density (EN542 at +20 °C)	approx. 1,02 g/cm ³
GEV-EMICODE	EC1 ^{plus}
French VOC-Emission class:	A+

Use and Care Recommendations

The surfaces of the materials to be bonded must be dry, free from dust and grease. Sealant should be acclimatised to the processing temperature before application. The adhesive is homogeneously applied (a thick bead of 4 - 8 mm) on the vapour control layer, film, window groove strip, or on the supporting building material. The curing time is dependent on bead thickness, temperature, humidity, absorbency and vapour tightness of the materials to bond. Ideally, one of the two materials should be absorbent or vapour open. Bonding on non-absorbent materials can only be done by "contact bonding" after the Sealant has dried conditionally (16-20 hours). The specific curing time in general can only be determined accurately by self-tests. Before hard-dry, released bonding can be bonded again. The Sealant should not be used in permanently wet conditions or where chlorine is present. Bonding of vapour control layers with building materials can only be done whilst the sealant is in its 'wet phase' by applying moderate hand pressure. To be effective a minimum bead thickness of 1mm must remain and should not be pressed flat. Due to the self-adherent properties of the adhesive, released bondings can be bonded again.

Storage conditions: store in initial packaging, at temperatures between +15 °C & +25 °C and no direct sun radiation. Shelf life is 24 months.

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