

PRODUCT DATA SHEET

ISO-TOP FLEX-ADHESIVE PA



PRODUCT DESCRIPTION

ISO-TOP FLEX-ADHESIVE PA is a high-quality flexible and self-adhesive sealing compound for creating permanently airtight connections between ISO-CONNECT window connection foils conforming to RAL and DIN 4108-7 and the structure. With its wide adhesion spectrum it creates a permanent and airtight connection between vapour retardant and vapour barrier foils, breathable membranes, fleece, kraft paper, etc. and the masonry, plaster or wood, at the same time reliably compensating for any unevenness of the masonry. Thanks to its flexible and permanently tacky structure it is also ideal for creating butt joints and corners with airtight multi-functional tapes.

APPLICATION

- for interior bonding of window connection foils such as ISO-CONNECT INSIDE „BLUE LINE“, FD, VARIO SD, XD and REVEALSEAL and for bonding butt-jointed multi-functional joint sealing tapes such as ISO-BLOCO ONE, ONE CONTROL and RENO in the interior (corner bonding)
- for interior use as an air tight repair compound, for example for foil membranes damaged during the construction phase
- air tight bonding of vapour retarders, vapour barriers, breathable membranes, fleece, kraft paper, etc., in drywall construction

PRODUCT ADVANTAGES

- ready for use immediately
- high initial and permanent adhesive strength
- also suitable also for more highly structured surfaces
- ageing resistant
- free of solvents, isocyanate and silicone
- neutral odour
- creates airtight connections conforming to DIN 4108-7, GEG and Austrian standards
- compatible with paint coatings

ISO-TOP FLEX-ADHESIVE PA

Technical data	Standard	Classification
Colour		light blue
Base		acrylate dispersion
Curing		physical drying
Consistency		low-viscosity - paste-like
Density in g / cm ³	DIN 53479 DIN EN ISO 845	approx. 1.2
Skin forming		permanently tacky
Curing speed		approx. 2 mm / 24 h
Temperature stability range		-40°C to +100°C
Yield		coverage according to surface roughness and for an 8 mm bead, roughly 6 m / cartridge
Penetration	DIN 51579	195 +- 30 1/10 mm (5 seconds)
sd value		approx. 35 m for 10 mm
Building material class / fire behaviour	DIN 13501-1	class E
Handling temperature		+5°C to +40°C
Shelf life		24 months, in original packaging and stored dry
Storage temperature		+5°C to +40°C

Measured in accordance with DIN EN ISO 291 standard climate at 23°C / 50 % RH, values can vary through environmental factors (temperature, moisture, surface).

PROCESSING

The surface to be bonded must be dry, sound, stable and free of release agents such as dust, oil or grease. Large recesses should be filled first. Normal surface irregularities can be compensated by applying sufficient adhesive. Pre-treat porous surfaces with ISO-TOP BLUE PRIMER, if necessary. Apply an 8 to 10 mm bead to the surface. Loosely apply foil, fleece, cardboard or paper to the uncured adhesive bead without pressure or stretching. Then press into place using a suitable tool. For window connection foils, apply sufficient ISO-TOP FLEX-ADHESIVE PA to guarantee a layer of adhesive at least 30 mm wide and at least 1 mm thick after pressing the foil into place. According to the applicable standards, e.g. DIN 18540, flexible sealants should not be over-painted over the entire surface since cracks can form in the non-flexible paint coating when exposed to stretching or movement. Suitable for all standard construction surfaces such as concrete, fibre cement, plasterboard, sand-lime brick, aerated concrete, plaster, etc. We recommend carrying out an adhesion and compatibility test on any surface before starting work. The bond should be protected against heavy rain and moisture.

HEALTH AND SAFETY

Please refer to our EC safety data sheets for hazard notices, safety advice, storage conditions, disposal notes and transport marking information.

PACKAGING

12 cartridges (of 310 ml) per box