Technical Data Sheet

Wikofix® FK 1279

Assembly adhesive for sealing masonry joints of window tapes, vapour barrier and sealant for polyolefins

Application areas

- for airtight and windtight bonding and sealing of diffusion-tight and vapour diffusion-open window tapes (foil tapes) in door and window construction, such as «Wikofix-FBA window tape OUTSIDE» or «Wikofix-FBI window tape INSIDE»; bonding usually takes place from the tape to the masonry
- for bonding and sealing between vapour retarders / barriers and masonry acc. to DIN 4108-7 / SIA 180
- as a sealing compound for delicate substrates, e.g. for polyethylene pipes in the air conditioning and ventilation sector
- furthermore for decorative profiles (profiles for stucco and ceilings), panels, gypsum plasterboard, decorative and insulation panels, skirting boards (also made of PVC), PVC cable ducts, treated metals and wooden components, stone and ceramic tiles on substrates such as masonry, plastering, concrete etc.
- due to the immediate adhesion to almost all absorbent substrates commonly used in construction, countless other sealing bonds and special works can also be realised; in particular those in accordance with the Energy Saving Ordinance EnEV 2016 (German standards)
- suitable for the interior zone and in outdoor areas protected from moisture
- ideal for window manufacture, roof construction, air conditioning and ventilation area, painters, plasterers, electricians, handicraft and industry

Product benefits

- outstanding adhesion to most substrates
- good adhesion to poorly adhering substrates like polyethylene (PE), polypropylene (PP) or polyamide (PA), non-woven and many types of rubber
- does not become brittle; remains permanently plastoelastic after it has dried
- high initial adhesion; lightweight parts require no fixing or support
- despite immediate adhesion, remains adjustable for some time after bonding
- can be plastered over and recoatable
- has a filling effect and eliminates irregularities
- very low-emission (GEV-EMICODE EC 1 Plus)
- no labelling obligation
- solvent-free (VOC-free)
- water-based
- almost odourless
- good ageing resistance
- pH-neutral, corrosion-resistant
- frost resistant up to -30 °C, can withstand the cold of a winter night in an assembly vehicle without damage

Base

modified acrylate polymer dispersion (physically drying)

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Restrictions	Not rainproof at the beginning of curing; protect against continuous rain in the initial period of cross-linking. Not suitable for use in standing water like e.g. for pond liners or in the swimming pool area, oil and bitumen-containing substrates, Teflon®, glass, mirrors, acrylic glass, waxy substrates, expansion joints.
Cleaning agents	Wisaclean R 216 for cleaning non-absorbent adhesive surfaces and fresh product residues. Cover the cured adhesive with cloths soaked in Wisatyp SA solvent and let it take effect. Once the glue has softened, it can be removed. Depending on the thickness of the adhesive film, repeat the process if necessary. To wash your hands, please use water and soap. Fresh adhesive can also be removed with a damp cloth.
Processing	The bonding surfaces must be sound, dry and free of dust and grease. Clean non-absorbent surfaces with Wisclean R 216. Check treated and non-absorbent surfaces with an adhesion test. Non-load-bearing substrates, such as crumbling plaster, must be repaired beforehand. The product is applied on one side in beads of 4 - 8 mm diameter, or even more for recesses. If required, surface application is also possible using a notched trowel. To ensure that the adhesive can dry quickly, at least one bonding surface should be absorbent. Press the parts to be glued on immediately, but not too flat (layer thickness at least 1 mm). No pressure lath is required for bonding vapour control layers if the loops are formed appropriately.
Max. total deformation	12.5 %
Breaking elongation	ca. 580 % (acc. to DIN EN ISO 8339)
µ-value / sd-value	µ-value = ca. 3500 resp. sd-value = ca. 35 m (at 10 mm joint depth)
Density	ca. 1.4 g/ml
Adhesive film	permanently plastoelastic
Consistency	pasty, firm
Skin formation	skin forming, not self-adhesive; for bonding work where permanent self-adhesiveness is required, Wikofix DFK 1277 is available
Volume shrinkage	ca. 10 % by volume (for absorbent substrates up to 25 % by volume)
1st functional strength	as from now
Final strenght	from 24 h (depending on application thickness, absorbency of the substrate, temperature, material moisture and relative humidity)

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Recoatability	After complete drying, good coatability with most water-based and synthetic paints (excluding mineral colours). It is advisable to test the compatibility with the colours concerned before application.
Temperature-resistant	from -30 °C up to +80 °C (once fully dry)
Repairing	can be repaired with the same material
Substrates	Masonry, plastering, sanding, wood-based materials, concrete, aerated concrete, various plastics, such as PVC-hard, PE, PP, PA, polystyrene, decorative profiles (profiles for stucco and ceilings), panels, gypsum plasterboard, decorative and insulation panels, skirting boards (also made of PVC), PVC cable ducts, treated metals and many other common construction materials. For further surfaces, you will need to carry out your own tests.
Processing temperature	from +5 °C up to +35 °C (assembly adhesive sealing compound) from -5 °C up to +35 °C (substrate, ice-free) At substrate temperatures below 0 °C, the foils must be pressed down once the frost line has been exceeded; this to achieve better adhesion, as there is a risk of water entrapment.
Further information	More information about this product (current technical data sheet, safety data sheet, certificates, product variants, etc.) can be found via the adjacent QR code.
Certificates / Norms	▪ GEV-EMICODE EC 1 Plus ▪ EN 15651-1: F EXT-INT 12.5P (façade joints)
Item no. / Colour	**FK 1279 greenish** - cartridge of 310 ml / 435 g
Delivery form	Packing unit of 12 cartridges of 310 ml / 435 g
Shelf life	In closed original packaging, protected from direct sunlight and stored in a dry place between +15 °C and +25 °C, the official shelf life is at least 36 months from date of production (the printed expiry date is decisive).

Safety and disposal: Familiarise yourself with the valid Safety Data Sheets (SDS) for the products used. All applicable safety regulations and disposal instructions must be observed.

Observe: All information is based on careful examinations in the labs and our previous practical experience. They are non-committal notes. Due to the many materials that are marketed and the different processing methods, which we cannot influence, we can, of course, not assume any warranty, including under patent-law, for the result of your work. We recommend performing sufficient own tests to find out if the product meets the respective requirements. In addition, we refer to our terms and conditions of sale, delivery and payment, available at www.wisabax.ch/agb.html. © Wisabax AG - This technical data sheet replaces all older versions.

Have you noticed an unclear formulation or an error? Thank you for your feedback. In case of doubt, the German version of the technical data sheet applies.