

Special window putty for glazing and repair of historic windows, fast-setting, paintable and viscoplastic

Application areas

Wikofix-FKE is a maintenance-free 1-component window putty

- was specially developed for the restoration of visually exposed mastic bevels (single and double glazings, also thin insulating glass)
- suitable for metal windows and direct glazing in concrete frames as well as wooden windows
- for repairing old and historic windows
- ideal for art glass workshops, historical window construction, glass workshops, window manufacture, metal construction, painters and carpenters

Product benefits

- unlike traditional linseed oil putties, this product stands out for the following properties :
 - permanent (expected service life >20 years)
 - maintenance free
 - no need to be painted over!!!
 - permanently tough and elastic (viscoplastic) (after complete hardening)
- ideally, colouring is done by ordering the product in the desired shade, this eliminates time-consuming repainting
- available in virtually any RAL or NCS colour, from just one cartridge
- recoatable for applications acc. to DIN 18545 - A, B
- solvent-free, almost odourless
- ready for immediate use; can be applied directly from the cartridge
- high mechanical strength, remains hardwearing
- outstanding processing
- practically shrinkage-free
- quick drying
- good UV and weather resistance
- compatible with glazing edge seal
- compatible with PVB sheets laminated safety glass
- good adhesion to appropriately pre-treated substrates
- withstands wind pressure and vibration
- meets the requirements of historical building technology

Base

Modified siloxane resins; the material vulcanizes after extrusion under the influence of humidity, resulting in a slightly elastic adhesive; therefore, allow the adhesive to air-dry freely.

Restrictions

- Do NOT use the product on composite windows unless the space between them is adequately ventilated. For non-ventilated composite windows, we refer to the 2-component repair kit.
- Concrete frames must be primed with a chlorinated rubber paint or a film-forming primer, e.g. Wi-Primer V-01, to protect against alkalinity and binder migration.

Cleaning agents

Wisatyp TL 16 for cleaning non-absorbent adhesive surfaces and fresh product residues. The cured product can normally only be removed mechanically.

To wash your hands, please use water and soap.

Processing	▪ Recommended min. joint width: = 6 x 6 mm (ca. 8.5 mm visible edge) ▪ Recommended max. joint width: = 25 x 25 mm (ca. 35 mm visible edge) ▪ The bonding surfaces must be sound, dry and free of dust and grease. ▪ When cementing, first spray a sufficient quantity into the rebate base as a putty template, then press in the disc and fasten mechanically. ▪ Apply the putty with the cartridge gun. Remove with a smoothing trowel. ▪ If the colour matches, Wikofix GM 52 can be used as a smoothing agent. If the putty is to be painted over afterwards, we recommend not using a smoothing agent. ▪ Avoid thin distribution when removing the putty in the edge zone. Otherwise, sand down such impurities in the thinnest layer next to the putty bevel before painting. ▪ Make sure that no air is mixed into the mass. Trapped air can lead to the formation of bubbles when heated. ▪ For composite windows, we recommend creating relatively small joints on the interior side and allowing Wikofix-FKE to fully cure as much as possible before assembling the units. In addition, adequate ventilation is essential in all cases to ensure that any remaining cleavage by-products can dissipate.
Consistency	pasty, firm
Density	ca. 1.2 g/ml
Properties	tough-elastic (with low plastic content)
Max. total deformation	ca. 15 - 20 %
Skin formation	after ca. 30 min at 20 °C and 60 % rel. humidity (Drying process; depending on substrate, temperature and application quantity)
Volume shrinkage	optically shrinkage-free
Setting time	ca. 3 mm on the first day, then decreasing in depth; depending on drying conditions and rebate height
Recoatability	At the earliest after sufficient drying (ca. 4 h). From one week onwards, we recommend pre-sanding the putty with 120 grit sandpaper. Elastic high gloss paints are best for overpainting, as are most alkyd resin paints. Solvent-based varnishes or stainers are well proven. Emulsion paints are not suitable for painting over. We recommend that you always check the suitability and compatibility of the product by carrying out your own tests.
Repairing	Can be repaired with the same material
Substrates	Glass, treated wood, metal, concrete, many lacquer and paint systems. For further surfaces, you will need to carry out your own tests.
Processing temperature	from +5 °C up to +40 °C
Temperature resistance	from -40 °C up to +150 °C (after complete cross-linking!)

Frost resistance up to -15 °C (during transport)

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.

Item no. / Colour **FKE 1112.310 white (white antique)** - cartridge of 310 ml

Special colours acc. to RAL or NCS (good to know...)

Wikofix-FKE already available from a single cartridge, painted in a variety of RAL or NCS colours. Special colours are only available on written order by e-mail, specifying the NCS or RAL colour of choice. Delivery time for special colours ca. 2 weeks.

Due to the characteristics of the material, colour deviations may occur when using lighter shades or when stored for a longer period of time, which will diminish again when the window putty is exposed to daylight.

Delivery form Packing unit of 12 cartridges of 310 ml

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 6 months (special colours) and 12 months (in the case of batch production) from production date (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.