

Fibo Adhesive – Technical Datasheet

PHTHALATEFREE CONSTRUCTION ADHESIVE

GENERAL DESCRIPTION AND APPLICATION

Fibo Adhesive is a neutral curing 1-component adhesive, free of solvents and phthalates. Forms a strong but still elastic joint that can absorb any movement between building sections.

Fibo Adhesive can be used for in- and outdoor application on wall, roof and floor. Suitable for mounting of mirrors, panels and different types of construction boards.

Fibo Adhesive adheres to a wide selection of materials, wood, glass, concrete, bricks, fibre glass, painted surfaces, Perspex, pvc and most types of metal and rubber.

Fibo Adhesive has an excellent resistance to climatic influences. The product is a declared item in the Supply Chain Declaration Portal (SCDP) for New Buildings generation 3 & 4

PHYSICAL/CHEMICAL PROPERTIES: ADHESIVE

Type:	Moisture-curing, neutral Silane Modified Polymer (SMP), 1-component
Contains fungicide:	No
Consistency:	Thixotropic
Shelf life:	24 months in unopened packing, if stored cool and dry.
Packaging:	

Item no.	Size	Colour
400622	290 ml cartridge	White

PHYSICAL/CHEMICAL PROPERTIES: CURED ADHESIVE

Paintable:	Yes
Hardness:	Approx. 60 Shore A (ISO 868)
Tensile strength:	3,0 N/mm ² (ISO 37)
Elongation:	200 % (ISO 37)
Elasticity:	+/- 20%
Resistance:	Temperature: approx. -40 °C to +90 °C Climatic ageing: Good

The information and data contained in this Product Information sheet are based on extensive laboratory testing and our practical experiences and are meant for helping the user to find optimum working methods. As the conditions at the user are beyond our control, we make no warranties concerning the results, achieved by the products. The information's in this Product Information sheet are typical values, intended as a guideline. They should not be regarded as product specifications. Please also refer to our standard sales conditions and terms of delivery.



DIRECTIONS FOR USE

Preparation:	All surfaces must be clean and dry, free of grease, dust and loose particles. Fibo Adhesive can be used on surfaces like bricks, concrete, wood, glass, most metals, most painted surfaces and several plastic and rubber-types. In practice, variations can occur in the different materials, therefore it is always recommended to carry out sufficient bonding tests before commencing – particular in larger applications.
Applications temperature:	Can be applied at temperatures from +5 °C to +40 °C.
Application:	Fibo Adhesive is applied in lines at the substrate or at the materials to be bonded, in distances of 5 - 20 cm, depending on the required strength. Some applications might require special techniques, always follow the instructions from the supplier.
Yield:	2 - 3 m ² /cartridge, depending on dimensions and required strength.
Assembling time:	Within 4 - 8 minutes after application of glue strings
Assembling:	The materials are pressed carefully to the substrate. Minor sagging of the panels may occur in some cases, depending on substrate conditions, and installation parameters. If panel movement is observed after installation, it may be necessary to temporarily support or brace the panels until the Fibo Adhesive has fully cured and achieved final strength.
Curing:	Curing time: approx. 2 mm/day, depending on moisture and temperature.
Cleaning:	Tools can be cleaned and adhesive removed e.g heptane, white spirit or Wipes Sensitive 915. Cured adhesive can only be removed mechanically. Hands should be washed with water and soap.

HEALTH AND SAFETY

For further information on safety, please refer to product safety datasheet.

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