

FIBO ADHESIVE

Date :22.01.2019

Item number:

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Technical Data

Packaging	290 ml cartridge
Color	White
Curing Rate	~1 mm/24hr (at 23°C/50%RH)
Storage Conditions	Store in cool dry conditions between +5°C and 25°C
Shelf Life	12 months
Density	~1-5 g/cm ³
Consistency	Pasty
Shore A Hardness	55-60
Tensile Strenght	>1.5Mpa
Elongation at Break	>60%, Modulus at 100% elongation (ISO 8339)>0.60 MPa
Thermal Resistance	-40°C to 100°C
Skin Time	30 ± 10 min (at 23°C/50%RH)

Product

Fibo Adhesive is a one part, chemically curing solvent free sealant and adhesive combining the best qualities of silicone and polyurethane technologies. It is specifically designed for adhering most common building surfaces to each other and themselves.

, glass, concrete, plaster, plasterboard, polyester, Perspex, glass, wood etc.

Characteristics

- Incredible initial grab, no slip & gap filling properties
- High bonding strenght
- Interior and exterior use
- Totally waterproof
- Quick Curing
- Overpaintable if required (With water based paints – test an inconspicuous area before use)
- Solvent free
- Reistant to extreme temperatures -40°C to +100°C.
- Resistant to chemicals & petraol (10% dilute acids/alkalis, most solvents).
- Excellent reistance to UV radiation.
- Shrinkage <2%
- Excellent primerless adhesion to must surfaces, including metals, most plastics

Applications

Sealing and bonding in almost every application imaginable. The following are just some examples:

- As a high quality nail replacement adhesive, even to damp surfaces
- Bonding mirrors to most common substrates.
- Any application requiring high performance, durable sealing and bonding of joints.
- Applications where resistance to chemical spillage is required.

NOTE: The regulations covered by this document are a result of our experiments and experience, and have been presented in good faith. Due to the diversity of materials and substrates, as well as the large number of potential uses beyond our control, we can not assume any responsibility for the result achieved. It is recommended, however, to perform tests before full startup

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Packing

Color: white, light blue and red

Packaging: cartridge 290 mL

Durability

12 months. In unopened packing in cool and dry storage areas temperatures between + 5 ° C and + 25 °.

Application Method/Tools

Cartridge - Cut the tip of the cartridge taking care not to damage the thread. Fix nozzle, cut aperture to required width and apply with a standard sealant gun.

For bonding heavy items (Wall panels etc.) apply adhesive all the way around the edge of the item (30-50mm from edge) and cover back with beads of adhesive at 300mm intervals. Alternatively, apply adhesive direct to battens and press into place. NOTE. With heavy items, always provide temporary support until the adhesive dries.

Cleaning of tools

Uncured material can be removed by wiping with a dampened cloth with white spirit. Cured material can be carefully removed by mechanical means.

Limitations

- Use on overhead applications – Always use in conjunction with mechanical fixings.
- Use in conjunction with mechanical fixings for glass block fitting or large mirrors (>0.5m² total area).
- For heavy items, provide temporary support until adhesive has dried.
- Do not seal mirror edges/plastic sheeting until adhesive has cured.
- In areas of high UV; some darkening/discolouration may occur. This does not affect the performance of the sealant.
- Overpaintability: check compatibility with specific paint first before over painting large areas.
- Do not use on surfaces that bleed oils or plasticizers.
- Not for use as part of a glazing system. Not for use in aquarium manufacture.

- Not for use in conjunction with bitumen, or asphalt.
- Yellowing can occur in predominantly dark conditions.
- Certified as a sealant for internal use only. It is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for advice.

Ecology, health and safety

Regulation (EC) NO1907/2006 - REACH

For information and advice on the safe handling, storage and disposal of chemical products, user shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

Value Base

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Fibo products, are given in good faith based on producer's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Fibo's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of a legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Fibo reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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