



**ALL-PURPOSE
ADHESIVE**

Technical Data Sheet

Product:

Flexyfix Adhesive and sealant is a solvent and waterfree, universal, ready to use elastic adhesive and sealant suitable for bonding most materials to almost any surface, wet or dry.

Technical data:

Base	MS Polymer
Curing system	Moisture curing
Consistency	Paste
Colour	White
Specific gravity (g/cm ³)	Approx. 1,3
Elongation at break	>300%
Open time at 21°C and 50% rh	Approx. 10 minutes*
Adjustability time at 21°C and 50% RH	Approx. 5 minutes*
Set to load bearing	Min. 20 minutes.
Tensile strength at break	> 2.5N/mm ²
Temperature resistance	-40°C to +150°C (cured)
Durability against ageing	excellent
Total solids content	100% (solvent free)
Application rate	As adhesive approx.. 1.5 m ²

* This can vary according to environmental circumstances such as temperature, humidity, substrate etc.

Characteristics:

- One component, ready to use and easy to apply, solvent and water free adhesive or sealant
- Interior and exterior application
- Waterproof
- High initial grab
- Fast curing
- Rapid build up of bond strength
- Rapid curing
- High final bond strength (according to DIN 281)
- Permanently Elastic
- Suitable for underwater bonding applications
- Dissipates shear forces
- Easy to remove residues
- Overpaintable (always test before full application)
- Temperature resistant
- No hazard labelling required

Applications:

Flexyfix is suitable for use in almost all cases where a strong and fast bond is required.

It can be used on all clean, sound and dust free surfaces even if they are damp or wet.

This makes it ideally suited to outdoor bonding and sealing applications.

It is suitable for use on both porous and non-porous surfaces. On non-porous surfaces may lead to a slightly longer curing period.

Suitable materials include:

Glass
Marble
Granite
Sanitary Ware
Bricks
Stone

Note: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

flexy fix

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Wood
MDF
Chipboard
Metals
Fibreglass
Polystyrene
Plasterboard
Glazed Surfaces
Hard Plastics and Much More.

Note: This product is not suitable for use on Polypropylene, Teflon, Bitumen or Asphalt

Description:

Flexyfix adhesive cures by means of a reaction with moisture to a strong weatherproof, waterproof and heat resistant finish.

Shelf-life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°.

Surface preparation:

Before application ensure that all surfaces are clean and dust free. There is no requirement to ensure that the surfaces are dry, as this adhesive will work in wet conditions including under water.

Applying the adhesive:

The adhesive should be applied in a bead by means of an applicator gun. The bead size will be determined by the particular use, for example: a 3mm wide bead will be sufficient to fix gripper rods to concrete/screed but a 10mm bead may be required to fix wood flooring.

Apply the adhesive to one surface only and then press the two surfaces together.

The high initial grab will generally mean that no mechanical fixings are required but in certain applications it is advisable to use a mechanical fixing. Such instances being overhead applications.

Temporary support may be required for very heavy items until the adhesive has dried.

Recommendations:

- Never install to substrates which are not protected against possible rising damp.
- Do not apply the adhesive at temperatures below 5° or above 25°C
- Minimum temperature of the substrate should be at least 5°C.
- Do not apply the adhesive when the relative humidity is above 75%.
- Do not install if the walls and ceilings of the area are not dry (e.g. after plastering or painting etc.)

Safety recommendations:

Apply the usual industrial hygiene precautions. Solvent free and non flammable. Avoid contact with the eyes and skin and always use in a well ventiated room. Wear protective gloves and goggles and in the event of contact with the skin rinse well with soap and water. In the event of contact with the eyes, rinse with water and consult a doctor immediately. Always take care to follow the container labelling and the product data sheet.

Protection of the Environment and the Workplace:

The product is solvent free, non-flammable is ecologically and physiologically harmless and after drying has a neutral odour. The product will not contaminate the indoor air quality with formaldehyde or other volatile materials and is classified as very low emission – EMICODE EC1

Avoid contact with eyes and skin and always wear protective goggles and gloves. In the event of contact with skin, rinse with plenty of soap and water. In the event of contact with eyes, rinse

Disposal:

Do not allow into drains, water courses or land fill. Allow residues in container to harden and dispose of as construction waste.

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