



Flexyfix Technical Data Sheet

Product:

Colour: White
Packaging: 290 MI cartridge

Flexyfix is a single component, ready to use, elastic adhesive and sealant suitable for bonding most materials to almost any surface, wet or dry. Also suitable for use over underfloor heating

This product is suitable for use in high rise apartments including stairwells and communal areas

Technical data:

Base	MS Polymer
Curing system	Moisture curing
Consistency	Paste
Colour	White
Specific gravity (g/cm ³)	Approx. 1.5g/mL
Elongation at break	>200%
Open time at 21°C and 50% R.H	Approx. 5 minutes*
Adjustability time at 21°C and 50% RH	Approx. 5 minutes*
Set to load bearing	Approx. 20 minutes*
Tensile strength at break	> 3.5N/mm ²
Temperature resistance	-40°C to +90°C (cured)
Durability against ageing	Excellent
Total solids content	100% (solvent free)
Application rate	Dependent upon bead size**

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

** See application rates below

Characteristics:

- One component,
- Ready to use
- Easy to apply,
- Solvent and water free
- Interior and exterior application
- Waterproof
- High initial grab
- Rapid build up of bond strength
- Very fast curing
- High final bond strength (according to DIN 281)
- Permanently Elastic
- Suitable for underwater bonding applications
- Dissipates shear forces
- Easy to remove residues
- Overpaintable with water based paints. (always test before full application)
- Weather and UV resistant
- 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, which makes it ideally suited to both indoor and outdoor bonding and sealing applications.

It can be used on both porous and non-porous surfaces. Use on non-porous surfaces may lead to a slightly longer curing period.

Suitable materials include:

- | | |
|---------------|------------------------|
| Glass | Concrete |
| Marble | Fibreglass |
| Granite | Polystyrene |
| Sanitary Ware | Plasterboard |
| Bricks | Glazed Surfaces |
| Stone | Hard Plastics and Much |
| Wood | More. |
| MDF | |
| Chipboard | |
| Metal | |

Note: This product is not suitable for use on PE, PP, Teflon, or bituminous surfaces

Application:

The adhesive should be applied by means of a caulking gun with a ratio of 18:1

Application Rate **

Linear metre approximations

3mm bead will give 41 linear meters

5mm bead will give 15 linear metres

8mm bead will give 5.7 linear metres

10mm bead will give 3.7 linear metres

Surface preparation:

The surface should be sound, clean and free of any contaminants

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 carpet gripper rods to concrete/screed but a 10mm bead may be required to fix wood flooring or wall cladding.

Apply the adhesive to one surface only and then press firmly with a sliding motion to ensure good adhesive contact. 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.

Shelf Life:

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

Cleaning:

Rewmar wipes immediately after application.

Tools can be cleaned prior to curing with Rewmar wipes or mechanically after curing

Application Temperature:

0°C and +35°C. The cure time will be extended when the temperature is below or around 5°C

Environmental clauses*Leed regulation:*

Flexyfix conforms to the requirements of LEED.

Low –Emitting Materials: Adhesives and Sealants. SCAQMD rule 1168. Complies with USGBC LEED® 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.

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.