

ECOFIX 232

TECHNICAL DATA SHEET



Two Component Polyurethane Base Tile & Stone Adhesive

Description

Fixup® EcoFix 232 is a two-component tile and stone adhesive specially designed for bonding ceramic tiles, natural stone, and other similar materials to various surfaces like concrete, metal, wood etc. It consists of a base and an activator that must be mixed before application. It is known for its excellent bonding strength, durability, and water resistance. It is also resistant to chemicals and extreme temperatures, which makes it suitable for use in industrial settings and outdoor applications. It is easy to apply and sets quickly, allowing for faster installation times. It is also flexible and can absorb some movement in the bonded materials, making it less likely to crack or break over time.

Where to Use

Some specific applications for Fixup® EcoFix 232 tile and stone adhesive include:

- Residential and commercial flooring installations
- Countertop installations
- Pool and spa installations
- Outdoor installations
- Industrial applications

Benefits & Features

- **Strong** – Provides a strong and durable bond between tiles and substrate.
- **Waterproof** – Resistant to water and moisture, making it ideal for use in damp or wet environments.
- **Flexible** – Can accommodate minor movements or vibrations without cracking or breaking.
- **Quick-curing** – Dries and cures quickly, reducing installation time and allowing for faster completion of projects.
- **Easy-to-use** – Simple and easy to mix, apply, and clean up after use.
- **Non-toxic** – Does not contain toxic chemicals, making it safe for use in residential and commercial environments.
- **Eco-friendly** – Made with environmentally friendly materials, reducing the impact on the environment.
- **Versatile** – Can be used with a wide range of tile and stone materials and on various surfaces
- **Long-lasting** – Provides a long-lasting bond that can withstand heavy traffic and wear and tear
- **Chemical-resistant** – Provides resistance to chemicals, ensuring the adhesive remains intact even when exposed to harsh chemicals.

Technical Information

| Property | Value/Range |
|---------------------------|---|
| Appearance | Paste |
| Mixed Density | 1.60 ±0.1 kg/litre |
| Pot Life | Min. 60 min |
| Cure Time | Min. 24 hours |
| Service Temperature Range | 10 °C – 40 °C |
| Shelf Life | 24 months |
| Coverage | 4–5 sq. ft./ kg – 1.5 mm bed thickness (using 3 mm x 3 mm notch trowel). |

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How to Apply

The method of application for **Fixup® EcoFix 232** tile and stone adhesive typically involves the following steps:

- **Surface Preparation** – The surface to be tiled should be cleaned, dried, and free from any contaminants such as dirt, oil, and dust.
- **Mixing** – The two components of the adhesive are mixed together in the recommended ratio according to the manufacturer's instructions. This is usually done using a drill and mixing paddle.
- **Spreading** – The adhesive is spread evenly onto the surface using a notched trowel.
- **Tiling** – Tiles or stones are then placed onto the adhesive, and gently pressed into place to ensure a strong bond.
- **Grouting** – Once the adhesive has cured, the tiles can be grouted using **Fixup® Tile Grout**.

It's important to note that the specific method of application may vary depending on the type of surface and materials being used. The manufacturer's instructions should always be followed carefully to ensure proper application and a strong bond between the tiles and substrate. It's also recommended to use appropriate safety equipment, such as gloves and eye protection, when handling and applying the adhesive.

Precautions and limitations

Precautions and limitations for **Fixup® EcoFix 232** tile and stone adhesive include:

- Always mix the components of the adhesive according to the manufacturer's instructions, using the recommended mixing equipment and ratio.
- Be aware of the adhesive's pot life, which is the time frame in which it can be used after mixing before it begins to harden.
- The adhesive's performance may be affected by the temperature and humidity levels during application and curing. Ensure the temperature and humidity are within the recommended range for the adhesive.
- Ensure the adhesive is compatible with the substrate and tile or stone material being used. Some substrates or materials may require a different type of adhesive.
- Store the adhesive in a cool, dry place and ensure it is properly sealed when not in use. Avoid exposing it to extreme temperatures or direct sunlight.
- Allow the adhesive to cure fully before subjecting it to heavy traffic or loads.

It's important to follow the manufacturer's instructions and take necessary precautions to ensure proper use and safe handling of the adhesive.

Health & Safety

- Wear appropriate personal protective equipment (PPE) such as gloves, safety glasses, and a respirator if necessary.
- Avoid contact with skin, eyes, and clothing. If contact occurs, immediately flush the affected area with water and seek medical attention if necessary.
- Keep out of reach of children. Limited to professional use only.