

FUERZA GRIPOXY

GENERAL PURPOSE HIGH STRENGTH EPOXY ADHESIVE

FUERZA GRIPOXY is a **non-sag, two-component epoxy adhesive and repair compound**, formulated with selected fine mineral aggregates for controlled curing and high mechanical performance. Its thixotropic, non-slumping consistency makes it suitable for **patching, defect rectification, gap filling, and localized concrete repair** applications. The stiff yet workable formulation enables precise application by **trowel or putty knife**, while providing excellent adhesion, dimensional stability, and enhanced mechanical strength after curing.

FIELDS OF APPLICATION

- **Repair mortar** for rectification of honeycombed and defective concrete.
- **Anchoring and dowel fixing** applications.
- **Structural crack filling and localized defect repair.**
- **Gap filling and high-strength bonding** applications.
- Suitable for bonding and repair of **concrete, natural stone, steel plates, fiberglass, ceramics**, and similar substrates.

ADVANTAGES

- **Non-shrink, dimensionally stable** repair formulation.
- **High-performance concrete repair** with strong substrate adhesion.
- **Ready-to-use, putty-like consistency** for controlled application.
- **Enhanced chemical resistance** for demanding service environments.
- Suitable for **vertical and overhead repairs** without sagging.
- Capable of **curing under damp or moisture-present conditions.**

APPLICATION & CLEANING

Surface Preparation: Ensure the substrate is **clean, dry, sound, and free from dust, dirt, oil, grease, and other contaminants.** Thoroughly homogenize **Components A and B** prior to application. Accurate proportioning and complete mixing are essential; inadequate or improper mixing may result in reduced mechanical properties, incomplete curing, or discoloration. Properly mixed **FUERZA GRIPOXY** cures without staining or discoloration.

Cleaning: Clean application tools immediately after use with a suitable **solvent.** Once cured, **FUERZA GRIPOXY** can only be removed by **mechanical means.**

TECHNICAL INFORMATION

Color:	Grey
Density:	1.85 kg/liter
Compressive strength:	72N
Tensile strength:	32N
Flexural strength:	20N
Work life:	45 minutes
Initial setting:	1-2 hours
Final setting:	4-5 hours
Final cure:	7 days

HEALTH & SAFETY PRECAUTIONS

FUERZA GRIPOXY is not classified as hazardous under applicable regulations; nevertheless, standard chemical-handling precautions shall be observed. Avoid ingestion and direct contact with skin or eyes. Wear suitable **chemical-resistant gloves and safety goggles** during handling and application.

In case of skin contact, wash thoroughly with clean water. In case of eye contact, rinse immediately with plenty of clean water and seek medical attention. If swallowed, obtain immediate medical assistance and **do not induce vomiting**. For detailed safety, handling, and emergency-response information, refer to the current **Safety Data Sheet (SDS)** for FUERZA GRIPOXY.

PACKAGING & STORAGE

FUERZA GRIPOXY is supplied in **2 & 6 kg units** and has a **minimum shelf life of 12 months** when stored in the original packaging under cover and protected from direct sunlight.

