

FUERZA MONOBOND

GENERAL PURPOSE MONOMER RESIN BASE FLEXIBLE ADESIVE

FUERZA MONOBOND is a **single-component, monomer resin-based flexible construction adhesive and sealant** engineered for general-purpose bonding, caulking, joint sealing, grouting, and embedment applications. Formulated to provide excellent adhesion, flexibility, and long-term durability, it accommodates minor substrate movement while maintaining a reliable bond under a wide range of service conditions.

The material exhibits outstanding compatibility with a broad spectrum of construction substrates, including **concrete, masonry, timber, brickwork, natural and engineered stone, glass, ferrous and non-ferrous metals, and sanitary fixtures**, making it suitable for both interior and exterior construction, maintenance, and finishing applications. Its ready-to-use formulation enables efficient application while ensuring durable adhesion and sealing performance across diverse building materials.

KEY FEATURES & BENEFITS:

- Suitable for overcoating with most compatible paint systems after approximately **24 hours** of curing.
- Forms a permanently flexible, crack-resistant seal capable of accommodating minor substrate movement.
- Exhibits excellent adhesion to a wide range of construction materials.
- Produces a smooth, uniform, and aesthetically pleasing surface finish.
- Water-based formulation with **low volatile emissions (low VOC)**, minimal odor, and non-toxic characteristics.
- Suitable for both **interior and exterior** construction applications.
- Provides excellent resistance to **ultraviolet (UV) radiation, moisture ingress, weathering, and cyclic temperature variations**, ensuring long-term durability and service performance.

APPLICATIONS

FUERZA MONOBOND is recommended for the following construction and sealing applications:

- Joint sealing and caulking of construction interfaces.
- Grouting and gap-filling of non-structural joints.
- Sealing of static and low-movement expansion joints.
- Installation and embedment of decorative cornices and architectural moldings.
- Sealing the interface between door/window frames and adjoining masonry or concrete substrates.
- Bonding and securing roofing sheets and associated building components.

APPLICATION GUIDELINES & LIMITATIONS:

FUERZA MONOBOND is a **ready-to-use, single-component formulation** that requires **no pre-mixing or on-site blending** prior to application. The product is intended for **static and low-movement joint sealing applications** and is **not recommended for joints requiring high movement accommodation or significant cyclic deformation**.

The material should **not be applied to oily or bituminous substrates, or to surfaces that may exude oils, plasticizers, or solvents**, as these conditions may adversely affect adhesion and long-term performance. Furthermore, its use is **not recommended for floor joints or areas subjected to continuous mechanical traffic or abrasion**.

Following application, the sealant shall be protected from **rainfall, standing water, and excessive moisture exposure for a minimum of 24 hours** to ensure proper film formation, curing, and the development of optimum adhesion and performance characteristics.

PACKAGING:

FUERZA MONOBOND is supplied in **factory-sealed 3 kg tins and 15 kg pails**, ensuring product integrity, convenient handling, and reliable storage stability throughout transportation and on-site application.

STORAGE CONDITIONS:

Store the product in its **original, tightly sealed packaging** in a **cool, dry, and covered environment**, protected from direct sunlight, excessive heat, moisture, and adverse environmental conditions to maintain optimum product performance.

SHELF LIFE:

The product has a **minimum shelf life of 12 months** from the date of manufacture when stored in its original, unopened containers under the recommended storage conditions.



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