

ARMORGROUT 100HD

TWO COMPONENT MULTIPURPOSE EPOXY BONDING/GROUTING ADHESIVE

Product Description:

ARMORGROUT 100 HD - is a multipurpose solvent free two component moisture tolerant structural epoxy adhesive consisting of a resin and hardener part that has to be mixed before use.

Typical Applications:

ARMORGROUT 100 HD is recommended for use as a structural adhesive and grout in concrete, Masonry, wood and metal in areas such as:

- Machinery and base plate grouting requiring precision alignment
- Bonding fresh concrete to hardened concrete, bonding concrete to steel
- Structural adhesive for masonry, concrete, wood metal etc
- Filling Cracks in Structural concrete

Advantages/Benefits:

- Provides improved chemical and abrasion resistance
- High Strength grouting and bonding adhesive
- Easy to use for grouting and bonding applications.
- Excellent adhesion to most structural materials.
- Adjustable flow for various conditions
- Working time can be controlled

Direction for Use:

Surface Preparation: The surface must be clean, free from loose particles, laitance, grease, wax, dirt and all foreign materials before application. Metal Surfaces must be free of rust and grease residues before application.

Consult with ARMORSIL's Technical Department for further assistance and technical support.

Mixing and Application:

STRUCTURAL GROUTING

Pour Component A and B in ratio in a clean container. Mix material in ratio 2 part component B to 1.5 part component A. Mix Material with trowel or power stirrer before application. It is better to mix complete component A and B to avoid the errors that could prevent **ARMORGROUT 100 HD from curing**.

Apply directly with a flat trowel or brush on dry or slightly damp substrate. Material should be allowed to penetrate into crevices and porous areas to ensure good adhesion.

CONCRETE BONDING

Note that the subsequent layer of concrete must be placed before the material dries. Note that drying time is dependent on temperature and weather conditions.

CRACK SEALING

For crack sealing application surface must be well prepared and widened to 0.5mm, apply **ARMORGROUT 100 HD** directly on the substrate.

Consumption:

Consumption varies depending on irregularities in the substrates. Below are the general consumption guides. 0.7kg to 1.5 kg depending on the roughness or smoothness of the surface.

Specification:

ARMORGROUT 100 HD is specified for most substrates requiring structural adhesive or bonding

Technical Data:

Color	Transparent Brown
Density	1.15 kg/m ³
pH Mixing	11.5
Application Temperature	With water +5°C to +35°C

Cleaning and Health:

Tools used in the preparation and application of **ARMORGROUT 100HD** must be cleaned with solvents immediately after use. It contains epoxy resin and amine and therefore toxic irritant. Do not inhale. Provide adequate ventilation. Avoid contact with skin and eyes. Wear rubber gloves, long sleeve shirt, goggles and side shields. In case of contact with eyes flush repeatedly with water and contact physician.

Packaging and Shelf Life:

ARMORGROUT 100HD is packed in 7kg and 5kg buckets. Store in a cool dry place. With proper storage material can be stored and used within 12 months.



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