

ARMORGROUT 100HD

TWO COMPONENT MULTIPURPOSE EPOXY BONDING/TILE 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.

ADVANTAGES

- 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

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

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



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STRUCTURAL GROUT

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.

LIMITED WARRANTY

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either express or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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