MAGNA PRIME
CHEMICAL TECHNOLOGIES, INC.

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TECHNICAL DATA SHEET
CEMENT GRIP
Multipurpose Bonding Agent and Adhesion Enhancer for Mortar

PRODUCT DESCRIPTION

CEMENT GRIP is a multi-purpose bonding agent used for bonding new to old concrete, and tile-to-tile bonding applications. It is water-based, milky white, non-toxic with medium viscosity, and dries into a transparent film. It can also be used as a tile adhesive enhancer and concrete repair mortar for patching works and concrete repair works.

CUSTOMER BENEFITS

- Easy-to-use – can be applied by brush, roller, or spray
- Multi-purpose adhesive
- Bonds to most common construction materials except polythene, PVC, rubber, and similar materials
- Non-toxic
- Improved flexibility

AREAS OF APPLICATION

- For bonding cementitious floor toppings, renders, and repair mortars
- Bonding agent for concrete
- Resurfacing, renovation, and surface restoration
- Additive for the tile adhesive to enhance adhesion property
- Repair cracks and holes in cementitious structures

METHOD OF APPLICATION

SURFACE PREPARATION
The surface must be sound, smooth, and free from dirt, dust, oil, and other types of contamination. All loose particles, old mortar, dirt, laitance, paint, etc. must be removed by brushing with a stiff wire brush or other suitable means.
Below is the recommended list of its application usages:

FOR TILE-TO-TILE APPLICATION
Mix 1 part **CEMENT GRIP** with 2 parts water and use the mixture as water for tile adhesive or cement mortar.

FOR BONDING NEW CONCRETE TO OLD CONCRETE
Apply neat **CEMENT GRIP** to the clean substrate of the old concrete before placing the new concrete.

FOR CONCRETE REPAIR MORTAR
Surface Preparation:
Apply neat **CEMENT GRIP** to the clean substrate of the old concrete before placing the repair mortar.

Concrete Repair Mortar Preparation
Mix 1 part **CEMENT GRIP** and 1 part water and use the mixture as the water solution for the concrete mortar.

FOR TILE ADHESIVE ENHANCER
Mix 1 part **CEMENT GRIP** to 3 parts water and use the mixture as water for the tile adhesive.

Note: *The drying time of **CEMENT GRIP** ranges from 5 to 10 minutes, depending on environmental conditions. It is important to apply the overlay material onto the substrate while the **CEMENT GRIP** is still wet, following a 'wet-on-wet' application method.*

ESTIMATING DATA

Recommended coverage:
As bonding agent : 2.5 m^2

Note: *The coverage rates provided above are for guidance purposes only. Actual usage may vary depending on the specific substrate conditions and application methods.*

PACKAGING

CEMENT GRIP is available in gallon and 20 liters carboy.

STORAGE AND HANDLING

CEMENT GRIP has a shelf life of 18 months if maintained in an unopened container under dry storage conditions. Store in a well-ventilated place away from direct sunlight.

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PRECAUTIONS

HEALTH AND SAFETY
CEMENT GRIP should not be swallowed. Skin or eye contamination should be washed immediately with plenty of water.
CEMENT GRIP is non-flammable.
Refer to the latest Safety Data Sheet (SDS) for comprehensive safety information on the proper handling of this product.

WARRANTY AND DISCLAIMERS
The information provided in this technical data sheet is based on our best knowledge and testing methods. Any product use outside of specifications or improper storage or installation voids any warranty. Users are encouraged to conduct their own testing to assess product suitability. Always consult the product's safety data sheet (SDS) for safety guidelines and follow recommended precautions. We reserve the right to update this data sheet without notice, and users should ensure they have the latest information.

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