

# **700 Cleaner New Masonry Detergent**

## **Removes:**

**Residual Mortar from Brick, Stone, Tile and More!**

## **Product Description:**

Chargar's 700 New Masonry Detergent is a combination of organic and inorganic acids, wetting agents and inhibitors for use in the final clean up of new masonry. 700 Cleaner efficiently cleans off residual mortar, day to day soiling and staining that occurs on job sites. It will work on brick, stone, tile, exposed aggregate and several varieties of new masonry construction not susceptible to metallic staining.

700 Cleaner's wetting agents and inhibitors permit it to cling to masonry surfaces for an extended dwell period. This extended dwell time permits a lower acid concentration to be used in comparison to the customary muriatic acid washes. This results in much better cleaning while exposing the masonry to less damage due to acid burn. 700 Cleaner quickly loosens mortar residue and when used with high pressure water virtually all residue will be washed away with little or no agitation. When used as directed 700 Cleaner will not cause acid burns or streaks. 700 Cleaner is a versatile product that can be diluted as job conditions dictate. 1 gallon of 700 Cleaner can be diluted with 5 parts of water or up to 25 parts of water.

## **Limitations:**

Care should be taken on glazed surfaces and colored mortar to ensure that there are no adverse reactions or loss of color.

## **Test Procedures:**

A test patch should be done prior to full scale cleaning and the area should be allowed to dry for 2-3 days. Individual masonry types must be tested and then approved by the architect.

## **Dilutions:**

When diluting, first place water in a plastic pail and then add 700 Cleaner slowly to the water. Metal containers should never be used with 700 Cleaner.

**Concrete Block:** 4 parts of water

**Tan Brick or Block:** 6 parts of water

**Red Brick:** 5 parts of water

**Sandstone:** 8 parts of water

**Natural Stone:** 6 parts of water

**Glazed Brick:** 8 parts of water

**Glazed Tile:** 8 parts of water

**Precast Concrete:** 10 parts of water

**Polished Granite/Marble:** 10 parts of water

## **Preparatory Work:**

It is recommended that washing be done prior to the installation of doors, windows, light fixtures, painting and hardware. If they are already installed; protective coverings, adequate ventilation and extreme care should be used to prevent damage from contact or fumes. All sealant and caulking materials must be in place and cured per manufacturer's instructions, prior to commencement of the cleaning. Follow instructions from our material safety data sheet to prevent damage to the building being cleaned as well as to surrounding surfaces & adjacent items etc. Avoid drift or overspray as it may injure passerby or damage vehicles. All surfaces must be thoroughly soaked with water to prevent 700 Cleaner from being absorbed into the pores of the masonry. Never clean masonry when it is below freezing. The most effective and satisfactory cleaning results can be expected if the masonry is cleaned within 14 to 28 days of masonry completion. Mortar and grout allowed to cure past this time period may be difficult to remove. A test application should be made on these surfaces to see the proper dilution ratio.

**Efflorescence Removal:**

For the removal of efflorescence the dilution ratio should be 5-10 parts of water to 1 part of 700 Cleaner. The application dwell time should be 10 minutes followed by a low pressure water mist rinse. Do not use a high pressure pump because large amounts of water and pressure will activate more efflorescence and it will be brought to the surface. If metallic staining is present, we suggest using Chargar's 960 Rust Remover.

**Cleaning and Degreasing Concrete:**

700 Cleaner can also be used to acid etch new concrete floors prior to painting. A dilution ration of 1:5 should be used.

**Warranty:**

The Chargar Corporation warrants that the product will conform to the description and specifications set forth on the product label and will be free of defects in material and workmanship. The exclusive remedy of the buyer in the event that the product does not conform shall be the replacement of material. This warranty is expressly made in lieu of any and all other warranties of merchantability and fitness, and the Chargar Corporation shall not be liable for any loss or damage, directly or indirectly arising from the use of such merchandise or for consequential or incidental damages.