

# Technical Bulletin

# Green Mortar Wash

## Cement Mortar Residue Remover

### Product Description:

GREEN MORTAR WASH is a concentrated mild acid cleaner used on masonry surfaces that is subject to cement mortar, lime and similar mineral stains. It is a safe alternative which does not impact the site environment, reduces the chances of efflorescence and is easy to rinse.

### Features

- Effective replacement of harsh acids
- Softens and cleans excess mortar and job dirt
- Will not require neutralising on most surfaces

**Caution:** Care to be taken on sensitive metals such as zinc, zincalume, alloys, chrome and aluminium.

### Preparation

Before use on unknown substance, test substrates intended to be treated with Green Mortar Wash . If testing indicates adverse effects such as tarnished surfaces, the substrate must be protected before full scale application. In normal dilution form, Green Mortar Wash will not affect glass, metal and paints found on a construction site but may have a slight impact on softer alloys.

Construction soiling and mortar residues on new brick and tile surfaces clean most effectively if cleaning is done within 7-10 days of installation. Mortar and grout smears left on the surface longer may result in a more difficult clean down and may cause undesirable results. Cleaning high strength mortar/grout within seven days improves results.

### APPLICATION

Dilute Green Mortar Wash to the correct dilution rate for the substrate to be cleaned in a range of 1:6 to 1:15. Use a low-pressure spray (40 PSI Max) or densely packed, soft-fibred masonry washing brush to apply chemical. Do not apply with pressure spray above 50psi as application may drive chemicals deep into the surface making rinsing difficult. Rinse surface with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Ideally use a 400-1000 PSI pressure wash with a water flow rate of 20-30 litres per minute. Use a 15-45° fan spray tip for best results. Inadequate rinsing may leave residues below the surface or result in uneven cleaning.

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## Regulatory Compliance

- Effectively replaces hazardous acids
- Contains no VOC's
- Complies with OHS and environmental protection standards

## Safety Compliance Features

- Not Hazardous in accordance to the criteria of SWA
- Not Dangerous in accordance with Australian Dangerous Goods Code

Typical Application				
Recommended for cleaning cement and mineral residues from these substrates. If unsure, do a small patch-test on an inconspicuous area.				
SUBSTRATE	TYPE	USE?	DILUTION (WALL)	DILUTION (FLOOR)
Concrete	Brick	Yes	1:10	1:20
	Tile	Yes	1:10	1:20
	Precast	Yes	1:10	1:20
	Panels	Yes	1:10	1:20
	Pavers	Yes	1:10	1:20
	Cast In situ	Yes	1:10	1:20
Fired Clay	Brick: All types	Yes	1:6	1:15
	Tile	Yes	1:6	1:15
	Terracotta	Yes	1:6	1:15
	Pavers	Yes	1:6	1:15
Marble, Travertine, Limestone	Polished	No	N/A	N/A
	Unpolished	Yes	1:15	1:20
Granite	Polished	Yes	1:10	1:20
	Unpolished	Yes	1:15	1:10
Sandstone	Polished	No	N/A	N/A
	Unpolished	Yes	1:10	1:20
Slate	Polished	No	N/A	N/A
	Unpolished	Yes	1:10	1:20
Bluestone /Basalt	Polished	No	N/A	N/A
	Unpolished	Yes	1:10	1:20

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Before and After using Green Mortar Wash

**SHELF LIFE:** As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.

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CASTLE CHEMICALS

16 Rural Drive Sandgate NSW 2304 | Ph: 02 4014 5555 | Fax: 02 4968 4883 | [ccsales@castlechem.com.au](mailto:ccsales@castlechem.com.au) | [www.castlechem.com.au](http://www.castlechem.com.au)