

Green Acid Replacement (GAR)

DESCRIPTION

GAR 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
- Removes efflorescence on brick, concrete block and other stone
- Safe for use on domestic and construction sites
- Will not damage coloured mortar
- GAR is non corrosive to bricks, mortar, concrete most metals and painted surfaces

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

LIMITATIONS

This product is designed to soften and breakdown cement mortar residues and salt based contaminants. It is not effective for removing foot traffic, grease and biological dirt - for these type of contaminants, use GuardIt Concrete & Paving Cleaner.

REGULATORY COMPLIANCE

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

SAFETY COMPLIANCE

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

Use of safe work practices are recommended to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating.

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling. 24-Hour Emergency information: Poisons Information Centre: 13 11 26 from anywhere in Australia.

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TYPICAL APPLICATION

Recommended for cleaning cement and mineral residues from these substrates. If unsure, do a small test area.

Substrate	Type	Use?	Dilution (Wall)	Dilution (Floor)
Concrete	Brick	Yes	1:10	1:20
	Tile	Yes	1:10	1:20
	Precast Panels	Yes	1:10	1:20
	Pavers	Yes	1:10	1:20
	Cast Insitu	Yes	1:10	1:20
	Fired Clay	Brick - Alltype	Yes	1:6
Tile		Yes	1:6	1:15
Terracotta		Yes	1:6	1:15
Pavers		Yes	1:6	1:15
Marble, Travertine, Limestone	Polished	No		
	Unpolished	Yes	1:15	1:20
Granite	Polished	Yes	1:10	1:20
	Unpolished	Yes	1:15	1:10
Sandstone	Polished	No		
	Unpolished	Yes	1:10	1:20
Slate	Polished	No		
	Unpolished	Yes	1:10	1:20
Bluestone / Basalt	Polished	No		
	Unpolished	Yes	1:10	1:20

PREPARATION

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

All caulking and sealant materials should be in place and thoroughly cured before cleaning. On new construction, best practices are for masonry cleaning to be done prior to the installation of finished flooring, metal fixtures and all other non-masonry materials. If such materials are already in place, protect with polythene film ensuring adequate ventilation to prevent potential buildup of fumes.

Construction soiling and mortar residues on new brick and tile surfaces clean most effectively if cleaning is done within 7-14 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.

SURFACE & AIR TEMPERATURE

For best results, clean when air and masonry surface temperatures are 4°C or above. Cleaning when temperatures are below freezing or will be overnight may harm masonry. If freezing conditions existed before application, let the masonry thaw before cleaning.

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TECHNICAL DATA SHEET



TECHNICAL DATA SHEET

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APPLICATION

Dilute GAR to the correct dilution rate for the substrate to be cleaned. 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.

Cleaning

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.

STORAGE & HANDLING

Store in a cool, dry place with adequate ventilation. Do not alter or mix with other chemicals. Always seal container after dispensing. Maintain temperature of 7-38°C if possible. Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

DISCLAIMER

Allcon products are manufactured to the highest quality, and if used in the correct applications and in accordance with all directions, will produce quality and consistent results. However Allcon Group Pty Ltd accepts no responsibility for inappropriate usage or faulty workmanship by the end user.

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