

PROTECTIVE COATING SYSTEMS

G.A.R. GREEN ACID REPLACEMENT



Recommended Concentration and Coverage Rates

Dilution

As a general guide, the following dilution rates can be a useful starting point for determining appropriate concentration of GuardIT Solutions G.A.R. It is always preferable to start with the lowest appropriate concentration and add more G.A.R. to the mixture as needed.

Material/Task	Suggested Concentration
Cleaning clay bricks	3:1
Cleaning concrete blockwork (vertical)	6:1
Cleaning paving (flooring)	10:1
Removing Efflorescence	10:1

The following factors must be carefully assessed on a case-by-case basis when deciding the appropriate concentration of G.A.R. to use in the cleaning of bricks and blockwork.

- Degree of soiling – how clean/dirty were the bricks laid?
- Time since laying – has the job been recently laid, or has it been sitting for several weeks?
- Composition of mortar
- Mortar hardness (can be assessed by using a scraper)
- Potential sensitivity of material
- For efflorescence: how old is the efflorescence and is it showing signs of calcification?

Brick Cleaning

On average, a 15-litre drum of G.A.R. is expected to clean approximately 5000-6000 bricks, equivalent to approximately 100m². An average home of 7000-8000 bricks will require 1-2 15-Litre drums. This rate will vary according to the factors listed above. Below are some approximate coverage guides for brick cleaning with G.A.R.

Degree of Soiling	Approximate Coverage Rate
Heavy soiling	0.2 Litres per m ²
Moderate soiling	0.15 Litres per m ²
Light soiling	0.12 Litres per m ²

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