TECHNICAL BULLETIN

ARMOUR

SEALS & BEAUTIFIES CONCRETE & CLAY PAVERS

MATERIAL & FUNCTION

ARMOUR is a solvent based solution of acrylic (methacrylate) resin co-polymers for use in the sealing of all types of concrete or clay for protection against the penetration of stains, vegetable oils, grease etc. It allows for easier cleaning as well as adding depth and sharpness to the colours of concrete or clay pavers by imparting a "wet look" finish. It will also provide a seal against water for use in wet or damp applications such as around swimming pools, and it resists the emergence of efflorescence.

ARMOUR is a "one part" resin system which imparts a "wet look" appearance to the treated concrete or clay surface.

USES

ARMOUR finds its main use in sealing of concrete pavers & clay pavers, however, it can be effectively used in protection of concrete slabwork, brick walls & brick paving areas against penetration of greases and oils. .ARMOUR can be used either internally or externally and has the benefit of not being subject to yellowing.

APPLICATION

Ensure the surface is totally clean and dry. All paint, oil, grease, efflorescence and any other foreign matter must be removed. Older surfaces which have weathered and discoloured should be cleaned with an acid cleaner using a stiff broom or brush. (A solution of 10 parts water to 1 part Spirits of Salts, Muriatic Acid or Hydrochloric Acid with some detergent added is an excellent cleaner). After cleaning, the surface should be hosed down and scrubbed again with clean water to remove all residues of acid and waste. Allow to dry for at least 24 hours. If pavers are newly laid in a bed of mortar 14 days drying time should be allowed before sealing.

ARMOUR should be applied using brush, broom or squeegee. <u>DO NOT</u> USE A ROLLER AS THIS CREATES BUBBLES AND WEAKNESSES IN THE FILM.

It is recommended that two coats be applied to clean concrete or clay pavers (some more porous concrete & bricks may require 3 coats), allowing not less than 4 hours between coats.

Application continued

Full curing takes up to 48 hours depending on ambient weather conditions, and traffic should be restricted as much as possible during this period. Usage rate varies according to the porosity of the surface being treated, however, generally a coverage of 10 - 12 square metres per litre per application is achievable. Brushes will clean in lacquer thinner, acetone or xylol.

LIMITATIONS

ARMOUR should be applied to surface which is thoroughly dry otherwise whitening around the edges of each paver and in the grout may occur. Do not seal for 14 - 28 days after laying of concrete pavers, depending on ambient conditions.

GENERAL DATA

Compound type		- acrylic in solvent
Flammability		- yes
Solvent odour		- xylene
Suitability for:	concrete	- yes
	concrete paving	- yes
	brick walls	- yes
	clay brick paving	- yes
Scrub resistance:	1 day	- good
	4 days	- very good
Resistance to:	Mineral oils	- good
	Solvents, petrol	- good
	Organic acids	- excellent
	Animal & vegetable wastes	- excellent
	Dairy fats	- excellent
	Strong alkalis	- good
	Water immersion	- excellent
	Weathering & UV	- excellent
Curing:	min. temp.	- 10ºC
	max. r.h.%	- 90%

CAUTION
Avoid contact with skin and eyes and avoid breathing vapour or spray mist.
Ensure NO SMOKING or NAKED FLAME during application of sealer and provide ADEQUATE VENTILATION.

PACKAGING
1 Litre, 4 Litre, 10 Litre, 20 Litre & 200 Litre containers

IMPORTANT NOTICE TO CUSTOMER

Since the use of this product is beyond the control of either seller or manufacturer, their only obligation shall be to replace any quantity of product which is proven defective. They cannot assume any risk or liability in excess of the purchase price of the product itself, which does not include labour or any consequential damages resulting from the use of this product. Determining the suitability of this product for any intended use shall be solely the responsibility of the user. **ALWAYS TEST FIRST.**