

AALTO MASONRY SEALER

Guarantee is applicable on the use of a full Aalto system

TYPICAL APPLICATION: 100% Acrylic Primer Sealer for new or previously painted masonry and polymer concrete substrates.

PRODUCT FEATURES:

- + 100% acrylic polymer
- + High opacity
- + Good alkali resistance
- + Excellent adhesion to polymer concrete and masonry
- + Good re-coating ability
- + Low V.O.C. content

COLOUR: White. Can be tinted towards topcoat colour.

PRODUCT DESCRIPTION:

Appearance when dry: Dull flat finish

Pack size: 4, 10 litre

Theoretical coverage: Depending on the porosity, on average 8-10m²/ L
Note: Rough polymer concrete substrates and concrete block allow coverage rate average 6-8 m²/ L

Storage temperature: Minimum 10°C
Maximum 50°C

Shelf life: 18 months

Dry film thickness: Two coats applied at 8m²/ L on sponge finish plaster will give a dry film build of approximately 25-50 microns

Wet film thickness per coat: At the theoretical coverage rate of 8m²/L, the wet film build will be approximately 75-100 microns

V.O.C. content: 20 grams per litre

Percentage by weight: 50%

Volume solids: 30%

Pot life (@ 25°C): Single pack

EXTERIOR APPLICATION:

Mixing: Stir well using a broad paddle. Check colour before use. No claim recognised after application.

Initial surface preparation: New concrete and masonry surfaces, including polymer concrete's, should have a minimum stand down period of 28 days prior to painting. The surface must be clean, dry and free of all dust, dirt, chalk, grease, efflorescence and any other surface contaminants. Loose or flaky paint and loose cement deposits must be removed and feathered back to a sound surface. Glossy areas should be dulled. Surfaces should be water blasted/chemical washed or scrubbed down with a stiff bristle broom with a mild detergent solution then rinsed thoroughly with clean water. Mould and lichen must be treated with a proprietary mould kill solution until completely removed and sterilised, then wash to remove all traces of chemical.

All surface defects including cracks in substrate, spalled concrete surfaces and damaged concrete block must be made good prior to painting. The substrate should be thoroughly checked before painting to ensure it is dry and that all potential sources of moisture entry have been eliminated. Work only when environmental conditions are within the recommended range.

Application note:	It is recommended to roll or brush Masonry Sealer to maximise surface wetting and ensure a good key to the substrate. When painting mid or deep tone colours the use of a tinted undercoat is recommended.
Masonry, cement plaster / render and compressed sheeting / fibre-cement:	Refer to initial surface preparation above. New masonry should have a minimum stand down period of 28 days prior to painting. Once substrate is fully cured, clean and allow to dry. Apply one coat of Aalto Masonry Sealer (by roller or brush application), followed by two coats of the chosen finishing product.
Concrete and unglazed brick:	New concrete or block construction must be thoroughly dry prior to painting. Recommended drying times for concrete block are 4 weeks for open-cell construction and 8 weeks for filled-cell construction. It is recommended to leave new cement surfaces to 'weather' for two months prior to painting; this allows time for alkaline salts to dilute and, in the case of solid construction, will give time for the concrete to dry (Recommended dry times from BRANZ AS/NZS 2311). Glazed or smooth concrete surfaces must be lightly sand blasted or water blasted to remove shiny cement laitance. Contaminants such as release agents, form oils and curing compounds must be removed with a proprietary degreasing compound or household detergent in warm water. Prepare surface as outlined above in initial surface preparation before coating with Aalto Masonry Sealer.
Old or previously painted acrylic surfaces - masonry, concrete, fibre-cement / compressed sheeting, plaster / render and unglazed brick:	Refer to initial surface preparation above. Ensure surface laitance, efflorescence, release agents and other surface contaminants are removed to give an as-new appearance. Check adhesion of existing paint and ensure surface is clean and dry. Fill any cracks in the surface with a paintable filler or sealant. Spot prime patched and bare surface areas with Aalto Masonry Sealer before applying a full coat of Aalto Masonry Sealer (by roller or brush application) followed by two coats of the chosen finishing product.

APPLICATION DETAILS:

Application temperature range:	10°C - 35°C
Methods:	Brush, roll or spray Note: To porous substrates Aalto Masonry Sealer must be rolled.
Thinners:	Water
Cleaning solvent:	Water
Maximum volume thinners:	5%
Nozzle orifice & pressure:	Airless 15 - 20 thou, 2500 psi
Fan angle:	30° - 50°
Minimum steel temperature:	N/A
Maximum relative humidity:	75%

DRYING CHARACTERISTICS:

Temperature:	10°C	20°C
Touch dry:	2 hours	1 hours
Handle dry:	4 hours	2 hours
Full cure:	12 hours	8 hours
Over-coating:	Brush, roll: When temperatures are above 20°C over-coating can be undertaken after four hours. Otherwise, overnight drying is recommended. Spray: When using airless spray ensure overnight dry between coats.	

HEALTH AND SAFETY:

Special precautions:	<ul style="list-style-type: none"> + Keep out of reach of children. + This material is not to be taken internally. + Protect from freezing. + Avoid breathing vapour - use with adequate ventilation. + Seal container after use. + Avoid contact with eyes and prolonged contact with skin. + Dispose of empty container carefully. + Do not dispose or paint in sewers or waterways.
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FIRST AID:

If swallowed:	Give water to dilute. Do not induce vomiting. Get medical advice.
Eye contact:	Flush with running water immediately for at least 15 minutes. Get medical attention.

This information is intended to give a fair description of the product and its capabilities under specific conditions and is correct at the time of printing. It does not constitute an offer by the manufacturers nor do they warrant or guarantee its accuracy of completeness in describing the performance or suitability of the product. The manufacturer's guarantee is only applicable to full Aalto systems and is limited to product replacement only and does not include surface preparation or application. March 2004

AUCKLAND
8 Railway Street
Newmarket
Tel: 64 9 522 2019

WELLINGTON
258 Thorndon Quay
Thorndon
Tel: 64 4 499 8205

CHRISTCHURCH
29 Leslie Hills Drive
Riccarton
Tel: 64 3 348 8015

MELBOURNE
308 Swan Street
Richmond
Tel: 61 3 9428 5011

SYDNEY
49 Carlotta Street
Artarmon
Tel: 61 2 9906 2211

PERTH
341 Rokeby Road
Subiaco
Tel: 61 8 9388 8060