



If it's hardcore, it's DuraCore!

AQUA SEAL

Aqua Seal is a high quality, water based UV-stable acrylic polymer used for sealing concrete, exposed aggregate and natural stone. *Aqua Seal* prevents oil staining, ingress from dirt and most common contaminants that affect the quality of new or existing concrete substrates. *Aqua Seal* will not whiten, yellow, flake or peel and will increase the surface quality of new and existing concrete. *Aqua Seal* is applied to a wet surface and can be applied immediately after a pressure clean or the day after newly placed concrete is poured.

USES:

Aqua Seal can be used with confidence to seal and provide stain protection for new & existing concrete, exposed aggregate, liquid limestone, clay & concrete pavers, and all types of natural stone. *Aqua Seal* aids in curing new concrete substrates and can also be effective in retarding the dusting of concrete.

FEATURES:

- A cure assist for cement based materials.
- Exceptional oil & dirt stain resistance.
- Wet surface application.
- Helps prevent surface cracking.
- Environmentally friendly, Non hazardous.
- Cleans up in water
- UV stable, Acrylic polymer sealer.

ENVIRONMENT:

Aqua Seal is an environmentally friendly product that is:

- Water-based
- Has no solvents or silicone compounds
- Non-hazardous and non-toxic
- 100% biodegradable
- VOC < 1 g/ltr

PREPARATION:

Newly Placed Concrete:

Apply *Aqua Seal* on the day after the concrete pour. The product will reduce the moisture loss from the concrete, improving curing and thereby reducing cracking and dry shrinkage. Avoid the use of aliphatic alcohol or other chemical surface additives that can impede and interfere with the sealing application process.

PREPARATION:

Existing Concrete, Stone & Paving:
Apply *Aqua Seal* to a pressure cleaned surface. Ensure to remove any contamination that may hinder the penetration of *Aqua Seal* and apply to a clean, wet / damp surface for optimal results.

DILUTION:

Aqua Seal is a highly concentrated product that requires dilution with water prior to application. Mix the neat product thoroughly prior to dilution. Suggested dilution rates:
- Plain Concrete:
1:4 (1 part *Aqua Seal* : 4 parts water)
- Exposed Aggregate & Other Porous Substrates:
1:3 (1 part *Aqua Seal* : 3 parts water).

APPLICATION:

The diluted *Aqua Seal* should be applied at a rate of 3 - 5 m² per litre depending on the substrates porosity. (for highly porous substrates it is recommended to apply *Aqua Seal* at a concentration of 3:1 instead of the normal 4:1 ratio). Apply the diluted *Aqua Seal* solution to a wet or damp surface with a pump sprayer or watering can. Use a soft bristle broom to sweep out any puddles that develop. *Aqua Seal* can be walked over without concern during the application process, however should not be walked on once it starts to dry. Broom the surface several times until the product goes clear. In many instances a single flood coat is all that is required. If desired, a second mist coat can be applied as soon as the first coat is touch to dry, generally 3 - 4 hours apart (weather dependant).

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CLEAN UP:

Wash all equipment with water after use. Any overspray on adjacent surfaces such as glass, metal or painted surfaces should be wiped / washed off with a damp rag before the product dries.

DRY TIMES:

Touch Dry: 30 – 60 Mins
Foot Trafficable: 24 Hours
Vehicle Trafficable: 72 Hours

COVERAGE RATES:

Coverage rates depend on the porosity of the material being sealed. For concrete and similar materials, the coverage rate is approximately 5m² per ltr (diluted product). On dense surfaces such as granite, coverage rates can be as high as 10m² per ltr, whereas coverage on very porous materials such as Limestone may be as little as 2- 3m² per ltr.

(For highly porous substrates it is recommended to apply *Aqua Seal* at a concentration of 3:1 instead of the normal 4:1 ratio or alternatively apply 2 coats at the rate of 4:1)

STORAGE:

Always store *Aqua Seal* in a cool dry area, ensuring to keep the product out of direct sunlight and heat.

APPLICATION HINTS:

Completely saturate old and dry substrates with water prior to application to ensure the best possible penetration and performance of *Aqua Seal*. While the *Aqua Seal* will remain in the substrate and provide protection for 15 + years it is recommended that a re-coat be applied to the surface once every 3 years to maintain the best appearance and obtain optimal performance. This is particularly relevant in high pedestrian and vehicle traffic areas.

It is best practice to clean spills as soon as practical. Most pH neutral cleaners can be used on the *Aqua Seal*, however the use of harsh chemicals may damage or reduce the working life of the sealer.

TECHNICAL DATA:

Physical:	Liquid
Colour:	Cloudy White (dries clear)
Odour:	None
Specific Gravity:	1.12
pH:	7.5 - 8.5
Flammability:	None
Toxicity:	None
VOC / VOS Content:	None
Surface Bond Quality:	Excellent
Paint ability:	Excellent
Clean-up solvent:	Water
Environmental Impact:	None/Neutral
R-Factor Increase:	Up to 20 percent
Chloride Screen ability:	Excellent
User Status:	Friendly

SAFETY INFORMATION:

Keep out of reach of children, wash up any spills by flushing with water, avoid contact with eyes and skin, for professional use only, keep product out of direct sunlight, store in cool dry area. Classified as Non-Hazardous Material.

CONTACT INFORMATION:

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Leading Concrete Protection Systems

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