

Dulux Avista Hydrochloric Acid



Avista Hydrochloric Acid is a colourless corrosive acid containing 32-33% Hydrochloric Acid.

Use

For acid etching of concrete surfaces prior to the application of decorative coatings.

Properties

Hydrochloric Acid	32-33%
Colour	Clear, slightly yellow liquid
Odour	Pungent acid odour
Solubility	Soluble in water
Density @ 20°C	1.05 – 1.15
Relative Vapour Density	>1
Boiling Point	Approx 98°C
pH	<1

Advantages

Soluble in water

Application Instructions

- For acid etching concrete surfaces, the hydrochloric acid must be diluted with water. The ratio will vary depending on the surface texture and condition. The general ratio is 20 parts water to 1 part acid but for smooth concrete (such as garage or warehouse floors) a higher acid content is required -maximum strength - 10 parts water to 1 part acid. NOTE: Always add acid to the water (never add water to acid) to avoid potential exotherm (heat) generation which can result in boiling and subsequent splashing of the acid.
- Apply diluted acid to surface using a large head plastic watering can, applying in a crisscross motion (approximately 5-10m² sections). Acid will start to fizz on the surface once it starts to react with the laitence in the concrete. Pressure clean immediately to clean and remove all remnants of acid (do not allow acid to dry on surface). Pressure clean at minimum 2000 psi. Allow surface to dry completely before applying any coating.

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Dulux Avista website www.duluxavista.com.au. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In an emergency, contact any Poisons Information Centre (Telephone 131 126 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Dulux Avista does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

Limitations

- May be corrosive to metals
- Harmful material when used wrongly

Supply

FD200500-1L	Avista Hydrochloric Acid 1L
FD200500-5L	Avista Hydrochloric Acid 5L
FD200500-20L	Avista Hydrochloric Acid 20L

Storage

Store in a corrosive resistant container with a resistant inner liner. Store in a well-ventilated place away from oxidizing agents, acids and foodstuffs.

Precautions

Keep out of reach of children and when using wear gloves, goggles and protective clothing.

