



High-build, low odour, water based system for long-life cladding restoration

All you need to know:

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What is Alltimes CladAqua External?

Alltimes CladAqua External is a water-based, low-odour coating for cladding, designed to deliver a smooth, uniform finish with excellent application control. Because it is water-based, it contains significantly less solvent, (in fact only a maximum of 1% VOC), resulting in reduced odour levels - making it particularly suitable for occupied buildings, workplaces, and environments where people are present.

Formulated for outstanding durability and long-lasting performance, it offers dependable protection and consistent aesthetic results across a range of façade materials. Its advanced system uses durable, lightfast pigments to provide excellent colour and gloss retention, strong UV resistance, and long-term weather protection, all backed by a 15-year warranty.

As a single-pack system, it is simpler and more user-friendly to apply. It also eliminates the need for solvent-based cleaners - tools and equipment can be cleaned easily with water, improving efficiency on site.

Designed for fast, reliable application, this elastomeric coating accommodates substrate thermal movement and delivers smooth, consistent coverage - often achieving a single-coat finish. This helps reduce time on site while maintaining a high-quality, professional result and supporting a safer working environment.

Why choose Alltimes CladAqua External

- ✓ 15 year warranty
- ✓ Colour choice
- ✓ Excellent colour retention
- ✓ Spray, brush or roller application
- ✓ One coat system in most cases
- ✓ Fast drying
- ✓ Low odour
- ✓ Permanently flexible
- ✓ Elastomeric water based PU

Recommended For

Protection of steel and galvanised steel. Suitable for application to Plastisol cladding and other such substrates. New Plastisol may require priming, please contact our technical department for advice.



Feature:	Result:
Pack Size:	5L & 20L Containers
Volume Solids:	47%+-, dependent on colour
Coverage:	At 100 microns DFT the spread rate is 4.7m ² to the litre
Dry Film Thickness:	100µm (Minimum 75µm)
Wet Film Thickness:	215µm
VOC:	20 grams ±25 grams depending on colour
Drying Time @ 20°C:	Touch Dry: 45 - 60mins (will vary on air movement)
	Firm Dry: 24hrs Full Cure: 5 Days
Appearance When Dry:	Sheen

Components

- CladAqua External: 5 & 20L Tins
- AT 2K Graphene Epoxy Primer: 2.5L Tins



Surface Preparation

- All surfaces to be coated should be clean, dry and free from contamination
- Repair any areas of damage
- For corroded areas and after washing clean to ST3 minimum
- Prime all areas of corrosion after preparation, with AT 2K Graphene Epoxy Primer

Application of Coating

- Mix well until the paint is homogeneous and has a good consistency
- One or two coats, dependent on methods of application, colour opacity, colour changes or metallic finishes
- Apply using either brush or airless spray
- The minimum application temperature is 7-8°C **and rising**, however in temperatures below 10°C the drying will be retarded, relative humidity should not exceed 90% and in these conditions good ventilation is essential
- Substrate temperature should be at least 3°C above the dew point and always above 7°C
- At application temperatures below 10°C, drying and curing times will be significantly extended and spraying characteristics may be impaired
- Check the wet film weights, using a wet film guage on the first few square metres of the application to ensure suitable coverage and again periodically during application

Airless Spray

- Product is supplied ready for use, however add water (up to 5%) if required when spraying
- Tip Size: 11 to 15 thou may vary with temperature
- Tip Pressure: 2,000 – 2,500psi (206 bar)
- Do not leave in airless spray units or spray lines overnight

Conventional Spray

- Tip Pressure: 40psi to 60psi (2.76bar to 4.14bar)



Clean-up

- Clean all equipment after use with water (if a solvent is used ensure it is flushed out thoroughly before the start of any new work)
- Do not allow product to remain in hoses, guns or spray equipment
- All surplus product should be disposed of in accordance with appropriate regulations / legislation

Storage

- 1 year in original unopened packaging stored in a cool, dry place out of direct sunlight
- Keep between 5°C and 32°C
- Keep containers dry and tightly sealed to avoid moisture contamination

Health & Safety

- Please refer to the relevant Health and Safety Sheets, while working to Environmental standards.

Warranty

A 15 year warranty is provided with this product, based on application as per detailed above. The material will not prematurely deteriorate because of normal weathering if properly applied, maintained and used for the purposes Alltimes Coatings intended.

No responsibility can be taken by the manufacturers where conditions of use are beyond our control. All products should be used in accordance with the manufacturer's instructions. For further information please refer to the application guide and Material Safety Data Sheet. This information and guidance is given in good faith and without prejudice and liability, Technical and Safety Data must be observed. All coverages are given as a guide only, as volumes will vary with profile, porosity and method of application. Loss factors should also be taken into account.