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Low-VOC, High-Build System for Long-Life Cladding Restoration

What is Alltimes CladComplete?

Refresh and protect building exteriors with a high-build, high-solids (72%+-), low-VOC, 2k non-isocyanate, hybrid cladding coating, engineered for outstanding durability and long-lasting performance. Formulated with durable, lightfast pigments, this advanced system delivers exceptional colour and gloss retention, superior UV resistance, and long-term weather protection, all backed by a 20-year warranty.

Designed for rapid, reliable application, the coating provides smooth, consistent coverage in a single coat, helping contractors reduce time on site while achieving a premium, professional finish – all whilst providing a safer working environment with no isocyanates.

Ideal for metal and Plastisol-coated cladding, it revitalises tired, faded surfaces while delivering robust protection against corrosion, chalking, and environmental erosion. Whether used for refurbishment or full building redecoration, this high-solids 2k non-isocyanate, hybrid system extends the life and appearance of cladding with minimal disruption.

Why choose Alltimes CladComplete

- ✓ 20 year warranty
- ✓ Colour choice
- ✓ Excellent colour retention
- ✓ Spray, brush or roller application
- ✓ One coat system in most cases
- ✓ Fast drying
- ✓ All year round application
- ✓ Isocyanate free
- ✓ High solids
- ✓ Permanently flexible

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: | 20L Containers |
| Volume Solids: | 72%+-, dependent on colour |
| Coverage: | At 100 microns DFT the spread rate is 7.2m ² to the litre |
| Dry Film Thickness: | 100µm (Minimum 75µm) |
| Wet Film Thickness: | 140µm |
| VOC: | 300-320 grams ±25 grams depending on colour |
| Drying Time @ 20°C: | Touch Dry: 1-2hrs Firm Dry: 24hrs Full Cure: 5 Days |
| Appearance When Dry: | Sheen |
| Pot Life: | 3-4 Days |

Components

- CladComplete: 5 & 20L Pails
- 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
- Mix thoroughly with activator (part B). Allow to stand for 5 minutes. Once mixed the product becomes active and must be used within 2 hours
- 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 5°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 0°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 up to 10% Xylene thinners 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)



Thinning

- Up to 10% Xylene thinners may be required when spraying the product to achieve optimum spray characteristics

Clean-up

- Clean all equipment after use with Xylene
- 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 20 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.

