

ACRAGLAZE DP-12



Technical Bulletin

Exterior Concrete Clear Glaze with strong U.V. stability, resistance to water and efflorescence.

Product Description.

Acraglaze DP-12 is a tough clear finish formulated from pure, highly refined grades of 100% acrylic resins. The products rapid water resistance, and early strength in adhesion, has found it an unequalled material for exterior clear applications on concrete roofing tiles, concrete block, floors and driveways.

The polymer, exhibits a high level of resistance to fading and yellowing that are both commonly associated with exterior clear finishes. Astec exterior clear technology has performed flawlessly for over two decades of exterior use, maintaining its sharp, clean, depth of lustre when exposed to direct sun-light.

The application of **Acraglaze DP-12** to concrete substrates provides a hydrophobic zone on the surface of the concrete. The products watertight seal assists in the reduction of efflorescence and exhibits good dirt pick-up resistance when exposed to environmental contaminants.

Colour Range.

Clear (full gloss)

Preparation.

Ensure all surfaces are clean, dry, free of contaminants and structurally sound. Most preparation can be performed by approved cleaning methods such as pressure washing, power blowing, scaping or sanding. Ensure the surface is free of any oils and silicones thus eliminating any adhesion failure.

Properties

Drying Mechanism	Solvent Evaporation
Intercoat Adhesion (coat on coat)-aged	Excellent (Solvent Weld)
Chemical Residence	Fair (splash)
Solvent Resistance (aged)	Poor
Min application Temperature	5° C
Resistance to U.V. Light	Excellent
Accelerated Weathering (2000 hrs U.V.B.)	Excellent (slight chalking)
Resistance to Mechanical Damage	Good (Human induced)

KEY BENEFITS:

- *Remains crystal clear on exterior applications*
- *Does not yellow with long term exposure to sunlight*
- *Does not haze and go milky when exposed to rain water*
- *Strong resistance to efflorescence*
- *Excellent U.V. stability*

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Application.

Spray, brush or roller. For spray applications use a 518 tip.

Acraglaze DP-12 should be applied in multiple coats to the desired finish allowing it to dry between coats, with the total material coverage being no more than 5m² per liter.

Thinning with Xylene may be required for spray application.

Precautions for use.

Avoid contact with skin and eyes, always use respirator during spray applications.

Coverage Rates

1 st Coat 8 m²/ltr
2 nd Coat 12 m²/ltr
Rates given are applicator and substrate dependant.

NOTE: It is better to apply multiple thin coats rather than one thick coat, especially if applying in cooler conditions.

Remember **thicker is not better.**

Substrates.

- Concrete driveways
- Cast concrete walls
- Paver sealing
- Concrete roofs
- Glaze over WB acrylic



Acraglaze is used extensively to glaze external masonry for resistance to dirt pick-up and water staining.

Physical Properties

Drying Mechanism.	Solvent Evaporation
Drying Time (Touch Dry)	30 mins / 1 hr
(Dry)	4 hrs
Recoat window	4 hrs minimum-24 hrs maximum
(Dry)	4 hrs
Recommender Thinners	Xylene
Wash up thinners	Astec All Purpose Thinners
UN Number	1263
Hazchem Code	3[Y]E
Poisons Schedule	5
D.G. Class	3.1
Solids by Weight	30%
SG	0.91

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