



Technical Data Sheet

ChromoWall Color Shield

Permastic Vinyl Acrylic Emulsion | Water borne (Exterior/Interior)

This durable and smooth coating is formulated with a vinyl versatate acrylic copolymer resin. It provides a hard-wearing, washable surface that resists harsh exterior conditions. Free from sand or coarse particles, it is designed to deliver a refined, smooth finish. With excellent colour retention, ChromoWall Tex Fine can be used as a self-finishing system.

Chromo Color Shield can be applied with or without a primer on plaster, cementitious surfaces, asbestos, hardboard, or existing sound paint systems.

Key Features

- | | |
|----------------------------------------|---------------------------------|
| • Water-vapour permeable | • Low odour |
| • Alkaline resistant | • Easy to apply |
| • Fully washable and weather-resistant | • Good colour retention |
| • Exceptional flexibility | • Complies with SASSO standards |
| • Excellent coverage | • Smooth flow and sprayability |
| • Strong adhesion | |

Application Data Summary

This high-quality vinyl acrylic emulsion is a water-borne, thixotropic decorative wall paint suitable for interior and exterior use. It provides a flat finish with a subtle sheen, is fully washable, and can be applied in moist areas such as bathrooms, kitchens, and washrooms. Chromo Color Shield delivers a durable and visually appealing finish.

Surface Preparation

Chromo Color Shield can be applied with or without a primer on plaster, cementitious surfaces, asbestos, hardboard, or existing sound paint systems.

Application Equipment

- **Airless Spray:** Use standard airless spray equipment; dilute with water only if needed for an even spray.
- **Conventional Spray:** Use standard industrial spray equipment with separate air and fluid regulators. A mechanical pot agitator and moisture/oil trap in the air supply line are recommended. Dilute with water as needed for a uniform pattern.
- **Brush / Roller:** Suitable for touch-up work.
- **Mixer:** Use a power mixer driven by an air motor or an explosion-proof electric motor.

Physical Data

Solid Content

29.0% (ASTM D 2697) *Texture Fine

Finish

Flat

Colour

As per colour card

Spreading Rate @ 25 microns DFT

*Depending on colour, application method, surface condition & required texture.

Drying time

To touch: 2 hours / To overcoat: 24 hours (Minimum)

Thinners

Sweet Water

Flash Point

Non Flammable

Application method

Brush, Spray/Roller 25 Kg

Packing size

18 Lts

Shelf life

Out of sunlight

Storage

5°C upto 40°C.

Temperature

Application Data

Substrate

cementitious surfaces, asbestos, hardboard or over existing paint systems.

Application Procedure

ChromoColor Shield is a single-component product, supplied in 18 L packs.

1. Mix thoroughly before use.
2. Dilute with clean water as needed to suit surface porosity and ensure good workability.
3. Dilution rate: up to 30%, depending on ambient conditions, application method, and substrate.
4. Apply at a dry film thickness of 25–50 microns per coat.
5. Ensure proper ventilation during application and drying.
6. Clean all tools and equipment with water immediately after use.

Safety Instructions

1. Ventilate work area.
2. Check to ensure that fire or explosion risks are eliminated.
3. Cover all cuts or wounds.
4. Avoid inhaling or ingesting product. (Use mask and goggles for all spray applications).
5. Cover skin as much as possible.
6. Wash hands regularly. Use suitable soft soap.
7. Protect eyes. If product gets into eyes wash out with water until clear. Seek medical assistance.
8. In the event of accidental ingestion seek immediate medical assistance.
9. Take extra care when using airless spray equipment to avoid accidental injury.

Quality Assurance and Responsibility

Chromo Building Solutions products adhere to rigorous standards certified by an independently verified management system, ensuring compliance with our quality, environmental, and occupational health and safety standards, as outlined in Chromo Building Solutions ESHQ recommendations.

Properties listed are based on laboratory controlled tests.

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