



Liquid Ceramic® Exterior Wall Coat A High Performance Architectural Coating

Description

Liquid Ceramic® high performance architectural coating is engineered for exterior above-grade masonry and wood substrates requiring high performance protection. With high solids and ceramic microsphere technology giving the most durable and long-lasting protection against wind driven rain while weatherproofing wood, concrete, masonry, concrete block, brick and stucco. Its flexible coating allows 335% elongation while maintaining a breathable superior coating.

Product Advantages

- Variety of color
- Long lasting protection
- Mildew and stain resistant
- Will not peel or blister under extreme conditions
- Weatherproof
- Easy to clean
- Superior hiding
- Excellent coverage
- Bridges cracks

Product Uses

Exterior Surfaces: ideal for high-rise apartments and condominiums, tilt-up warehouses, hospitals, schools, concrete parking garage overheads, hotels, resorts and residential homes. Use on new or previously coated concrete, stucco, cement block, masonry, properly prepared brick, fiber cement siding, EIFS exterior wall cladding.

Base & Tinting Information

Follow tinting requirement specified within appropriate color formula book, color matching computer and automatic tinting equipment.

BASE/COLOR:

White / Pastel
Deep
Accent

The use of deep tinted colors or high contrast accent colors may require the addition of one or more finish to achieve acceptable coverage and hiding results.

Upon ordering, we will tint your product to the exact color requested. See online order form.



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Technical Data

SOLIDS:	61.2 ± 1% by weight 48.9 ± 3% by volume
V.O.C LEVEL:	66 g/L
WEIGHT / GALLON:	11.27 ± 0.5 lbs.
FINISH:	Satin (8° - 15°) *Geometry 60°
FLASH POINT:	Non-flammable
FIRE RATING:	Class A
VISCOSITY:	105-115 Ku's
COVERAGE PER COAT:	7.1 mils to 10.1 mils wet 3.5 mils to 4.9 mils dry 159 to 225 sq ft/ gal

*Coverage figures do not include surface porosity, irregularities & material loss due to application methods. For best longevity and wind driven rain performance, apply 2 coats of finish @ 4.9 mils (WFT) each (9.8 mils DFT).

Performance

Wind-Driven Rain:	(ASTM-D6904) PASS
Elongation:	(ASTM-D2370) 335%
Tensile Strength:	ASTM-D2370) 400 psi
Permeability:	(ASTM-D1653) PASS
Mildew Resistance:	(ASTM-D3273) PASS
Alkali Resistance:	(ASTM-D1308) PASS

Technical Compliance:

AIM:	PASSES
OTC:	PASSES

LEAD WARNING!

If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop.

Before you start, find out how to protect yourself and your family by contacting the HOTLINE at the National Lead Information Center at 1-800-424-LEAD or log on to:

www.epa.gov/lead

Application

Stir or shake thoroughly before using. Read all label and Safety Data Sheets (SDS) information prior to use. Paint always on shaded side of the building. Do not apply in cold, damp conditions. Avoid exterior application late in the day when dew or condensation is likely to form, or rain is expected. Typical standard practice recommends intermixing when working with more than one container of a tinted color, to ensure color consistency.

Apply using methods outlined below. When applying, use a wet film gauge and apply at approximately 10 mils (wet film thickness—WFT). It should dry at approximately half that amount (about 5 mils dry film thickness—DFT). Re-apply a second coat to gain longevity, again at approximately 10 mils WFT, drying to a total DFT of 10 mils.

Three rules to application: apply on a clean, dry and sound substrate (surface).

CLEAN: If building is dirty, clean with mid-pressure spray wash and/or use a TSP-type solution for surfaces with dirt, dust, mildew, etc. Mildew may require a special cleaning solution.

DRY: Make sure the surface is dry, i.e. at a level of 12% or below on a moisture meter. Don't just feel with your hand if the surface is dry. A moisture meter needle will check up to 1/8" into the substrate for a true reading on the moisture level.

SOUND: Surface should be sound, no rotten wood/material, no dead paint. See LEAD WARNING in middle column at left.

APPLICATION, MIXING, CLEAN-UP

BRUSH: Use a high-quality nylon or polyester brush.

ROLLER: Use a ½" to 1 ¼" nap roller cover, depending on the substrate texture.

AIRLESS SPRAY: Use a tip size from .017" to .023". Spray application must be back rolled to work material into surface.

MIXING: Always mix thoroughly before and during application.

THINNING: This product is not to be thinned.

CLEAN-UP: Clean all equipment immediately after use with warm, soapy water. Completely flush all spray equipment with this solution.

DRYING TIME @ 77°F @ 50% RH:
Temperature and humidity dependent.
To touch: 1 hour To recoat: 5 hours