

CO24 Elastomeric High Performance Coating

DESCRIPTION: CO24 is a premium, highly flexible, white acrylic latex roof coating, to be used in conjunction with MBTechnology or other SBS / BUR cap membranes requiring compliance with Title 24 or additional reflectivity. It resists cracking, peeling and mildew, while offering tremendous durability and long-term life. CO24 forms a tough seamless shield of protection for virtually all low pitched roofs and can withstand moderate ponding situations. It expands and contracts up to 350% with the roof's movements to resist damage. This coating provides an excellent, highly protective barrier, which reflects the sun's heat and destructive UV rays. In turn, this helps to cool surfaces and leads to a reduction of interior temperatures. This product is an "investment", and can actually pay for itself in savings on cooling costs!

PREPARATION: All surfaces must be dry and free of dust, dirt, oil, loose granules, gravel and peeling paint and all other foreign matter. Roofs must have proper drainage. Rusty metal must be cleaned with a wire brush and primed with asphalt primer before application of this product. Pressure washing entire surface is recommended for best results (use only a wide fan spray tip). If unavailable, use a garden hose with spray nozzle to clean & rinse roof surface. Repair all leaks, cracks and seams prior to application of the coating. Surfaces previously coated with aluminum, asphalt or tar should be allowed to cure for a minimum of one summer season prior to coating with this product. Surfaces with mildew growth or stains must be cleaned with bleach solution (2 parts water to one part bleach). Be certain all surfaces are thoroughly rinsed and dried prior to applying coating. DO NOT THIN. Product can be spray applied with a professional quality airless sprayer.

APPLICATION: Surface and air temperatures must be a minimum of 60°F and rising. DO NOT apply if heavy dew or rain is expected within 24-48 hours. Apply on a clear, sunny day in morning hours with a 3/4" nap exterior paint roller or professional airless sprayer. First, apply one coat over all seams and joints. Allow to cure to one hour or until dry, then apply two (2) uniform coats over entire surface, avoiding excessive rolling. Two full coats are needed for all applications. Apply second coat perpendicular to first coat. Allow an additional 1-2 coat where standing water exists. All roof surfaces should maintain proper drainage. DO NOT allow stored product to freeze. White elastomeric coatings can greatly extend the life of existing roof surfaces, however coatings are not a cure all for roofs, which have deteriorated past the point of repair. Apply in accordance with NRCA Guidelines. For ease of application CO24 is available in base coat CO24 Base which is different color than top coat of CO24 Top.

COVERAGE RATE: Approximately 75 sq. ft. per gallon per coat. Two coats are recommended for best durability and long-term life of coating. For projects requiring a coating warranty a minimum of 3 gallons/square needs to be applied. The base coat is supplied in gray color compared to white color for top coat. This assists the applicator with application of the product.

NOTE: If roof becomes hot (over 100°F) during application, lightly mist roof surface with water spray to prevent coating from drying too fast. Remove any excess or ponding water prior to coating. If roof surfaces become solid as they age, due to the elements, elastomeric can be cleaned with a mild water and bleach solution. Excess scrubbing should be avoided. If coloring is desired, a typical addition of 3-4 ounces per gallon of universal colorant can be added, which will result in light pastel colors. Yearly inspection and maintenance will greatly enhance the life of the coating.

PRECAUTIONS: Do not allow product to freeze. Protective clothing and eyewear should be used during application of these products. When transporting this product, ensure that lid is tight and pail secure and upright. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. Do not store at temperatures above 110°F. Close container after use. Do not reuse empty containers. Not for use on EPDM or some single ply membranes.

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	11.53 lbs.
Solids by Weight	65%
Solids by Volume	52%
Viscosity (ASTM D-2697)	100-140 ku
Elongation (ASTM D-562)	> 350%
Tensile Strength (ASTM D-2370)	> 300 psi.
Reflectivity (ASTM C-523)	88% (CRRC)
Emissivity	.87
Permeability (ASTM D-1653)	< 15 perms
Adhesion to Polyurethane Foam	> 3.0 lbs./in.
Consistency	Brush, Roller or Spray
Cure Time (50% Relative Humidity, 70°F)	4 hours
Full Cure (50% Relative Humidity, 70°F)	24-48 hours
Application Temperatures	60° F and rising
Flammability	N/A (water based)
Clean-up Tools	Warm water, soap

Approx. Shipping Weights: (Note: All approx. weights include container.)

5 gallons (18.9L)	61.0 lbs.
55 drums (208.2L)	700 lbs.

CAUTION! HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN AND RESPIRATORY IRRITANT.

FIRST AID: Eye Contact: Rinse with plenty of water for at least 15 minutes. Get prompt medical attention. Skin: Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists. Inhalation: Move to fresh air. If breathing is difficult, give oxygen. Give artificial respiration if breathing has stopped. Get prompt medical attention. Do not use in drinking water or food systems.

USE WITH ADEQUATE VENTILATION KEEP OUT OF THE REACH OF CHILDREN. VOC/VOS - 50-g/l max.

WATER	CAS# 7732-18-5
LATEX POLYMER	CAS# Mixture
TITANIUM	CAS# 13463-67-7
CALCIUM CARBONATE	CAS# 1317-65-3
PROPYLENE GLYCOL	CAS# 57-55-6
Product is Asbestos Free	

PATENT PENDING

CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ).WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation, when using product.

