

# Roxatone®

Tech data sheet

*water based multicolor coating.*

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## PRODUCT DESCRIPTION

Roxatone® is an acrylic (100%) water based polychromatic coating designed for interior architectural application. The Roxatone® finish combines exceptional durability with unique decorative qualities. It is slightly textured, seamless and easy to apply.

## SUITABLE APPLICATIONS

Roxatone® water based multicolor is specifically designed for application in high traffic areas (walls) of commercial, institutional, retail, and residential properties. It is an ideal coating for the interior walls of; schools, hospitals, airports, correctional facilities, apartments, government facilities, affordable housing, student residences, and a variety of other projects that require a unique and sustainable surface coating.

## FEATURES

- Exceptional durability
- Very low odor
- Quick drying formula
- Non-Toxic water-based formula
- Unique decorative appearance
- Conceals scuffs and marks

## ENVIRONMENTAL

Roxatone® is an all-acrylic water-based non-toxic coating. Roxatone® has a V.O.C. content well below current OTC state/federal regulations for paint emissions.

## COLORS

Roxatone® is available in an unlimited range of color combinations. Colors may be selected from our 100 series color-chart (32 colors), our “quick-ship” color-chart (12 colors) as well as any competitors color selection and custom color combinations.

## SURFACE PREPARATION

All surfaces must be sanded and primed before Roxatone® is applied. Please follow the guidelines below for specific substrate preparation.

### New drywall

Apply 2 coats of high-quality latex primer (white), and then apply the Roxatone® finish.

### Previously painted drywall

Sand surface and apply 1 coat of high-quality latex primer.

### Cement and Block

Apply 2 coats of high-quality latex primer (white) before applying the Roxatone® finish.

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## Vinyl Wallcovering

Repair all seams and bubbles. Apply 1 coat of high-quality latex primer before applying the Roxatone® finish.

## Tile and Formica

Scuff surface, then apply 1 coat super adherent bonding primer before applying the Roxatone® finish.

## APPLICATION

- Roxatone® must be applied by paint sprayer.
- Cannot brush or roll Roxatone.
- Do not apply Roxatone® when temperature is above 90 degrees F.
- Do not mechanically mix Roxatone®.
- Stir Roxatone® in a circular motion with a paint stir stick.
- When using conventional spray equipment, Roxatone® is applied using the 2-step application method. First coat is a high-pressure coat (**shear coat**) sprayed at 40-50psi (material) and 50-60psi (air). The second coat is applied using lower air pressure (**pattern coat**) 40-50psi. Air pressure is increased to create smaller particle size (flecks) and decreased to create larger fleck sizes.
- Roxatone® can also be applied with HVLP spray equipment with specific guidelines for proper application.
- Please refer to the Roxatone® application guide for details regarding equipment options.

## BATCH VARIATIONS

- Due to the many variables involved during the manufacturing process, and application method, slight variations may occur from batch to batch.
- Order sufficient quantities to avoid batch variations.

## MAINTENANCE

- Clean soiled Roxatone surface with a mild cleaning agent or soap + water.
- Do not use abrasive cleaning agents
- Do not clean surface with Solvent or Acidic cleaners.

## STORAGE AND HANDLING

- **Keep from freezing!**
- Store products with label intact in a clean, dry area protected from sunlight and moisture.
- Store at temperature between 50 - 80° F and relative humidity below 60%.
- Sealed, unopened containers have a shelf life of approximately 12 months.

## HEALTH AND SAFETY

- Use with adequate ventilation. Do not directly breathe vapors or mist. Wear respiratory protection (niosh/msha approved respirator).
- Keep out of reach from children!
- Use in well ventilated areas, avoid contact with skin and eyes.

## **TECHNICAL DATA**

FORMULA:	100% Acrylic water-based
FINISH:	Slightly textured
SPECULAR GLOSS:	Specular gloss of 15° @ 60°
COVERAGE:	120 – 140 square feet / gallon
DRY TIME:	1 hr. to touch, 8 hrs for top coat, 12 hours for use
FULL CURE:	14 – 16 days for full cure
ENVIRONMENTAL:	Roxatone® is a 100% water-based product. It is classified as a Non-hazardous product and contains no known harmful ingredients.
V.O.C. CONTENT:	Less than 60 grams / liter - ASTM D-3960
ODOR:	Virtually odorless and can be applied in an occupied space.
CLEAN UP:	Clean all equipment and spills with water. Wash skin and clothing with soap and water.
SCRUBABILITY:	Roxatone exhibits exceptional scrubability and washability. Test results put Roxatone® above all standard water based architectural coatings.
WASHABILITY:	No change in specular Gloss (100 cycles) Fed Std. 141B Method 6141
ABRASION RESISTANCE:	100 mg loss/1000 cycles/1000 gram weight ASTM D-4060 4,800 Cycles – to wear - ASTM D-2486
ACCELERATED WEATHERING:	500 hrs no chalking or noticeable change in film integrity. Very good color retention and water resistance. ASTM G-53
BACTERIAL RESISTANCE:	Roxatone® shows no visual growth of microbiological organisms on the dry paint film. ASTM D-3456
MILDEW RESISTANCE:	No visual mildew or fungal growth after accelerated test on dry Roxatone® film. ASTM D-2574 No Growth - ASTM D-3273
STAIN RESISTANCE:	Roxatone® is resistant to most household items such as; ketchup, juice, gasoline, butter, toothpaste, detergents, cooking oils, grease ASTM D-1308
ADHESION:	Adhesion over properly primed surface – excellent ASTM D-3359
HARDNESS-PENCIL:	2B
IMPACT RESISTANCE:	Pass 80 lbs, no visible cracking ASTM D-2794
FLASHPOINT:	D.O.T. / OSHA- Not regulated ASTM D-56
FLEXIBILITY:	No cracking of film when bent around 1/8 mandrel ASTM D-522
THINNING:	Roxatone® is delivered ready to spray. If thinning is required add 5 – 8% cold water. This may be necessary during application using equipment not able to generate enough pressure for a proper spray pattern.
FIRE RATING:	Class A (pending) Flame spread – 5 Smoke Density – 5

FLASH POINT:	ASTM E84 Roxatone® does not ignite. There is no chance of fire or explosion during application.
SPECIAL HANDLING:	Roxatone® will freeze at temperatures below 32° F. It will not survive any freeze/thaw cycles and should be transported at temperatures above 32° F.
MIXING:	Roxatone® should not be mixed with mechanical agitators or mixers of any kind. Stir Roxatone® in a circular motion using a paint stirring stick.
STORAGE:	Store Roxatone in a cool dry location free of excessive sunlight or moisture.
SHELF LIFE:	Roxatone® has a shelf life of approximately 12 months.

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## **WARRANTY**

Sky Coatings Inc. warrants the Roxatone finish against product failure under normal conditions for a period of 5 years from the date of application. Warranty will only be honoured if the material has been proven defective and proper installation has been verified. The criteria for product failure as it applies to the warranty includes only adhesion failure, or cracking, and only on a properly prepared surface. Manufacturers guidelines must be followed correctly for any warranty to be honoured.