



MiraGard Colorbond SR

Product Technical Data Sheet

MiraGard Colorbond SR is a single component, self-crosslinking, and solar-reflective pigmented acrylic coating designed for application on concrete plaza decks, balconies, roof deck surfaces, and as a topcoat for polymer modified cementitious coatings such as Miracote MPC.

An important characteristic of *MiraGard Colorbond SR* is that it increases the solar reflectance index (SRI) of the exposed surface, which results in a significantly cooler surface. It also features excellent hiding attributes, wash-down characteristics and provides excellent weathering and wear resistance.

MiraGard Colorbond SR Topcoat is an easy to apply economical coating. It is recommended for resealing some Miracote systems to improve overall energy savings, via reduction in conditioned air utility costs. It may be applied to properly prepared surfaces where stain resistance and cleanability are a consideration.

WHERE TO USE

- Swimming pool walkways
- Decks
- Balconies
- Promenade decks
- Roof decks

ADVANTAGES

- High SRI
- Reduces surface temperature of decks
- Assists in room conditioning utility costs
- Economical
- Durable, abrasion resistant
- Cleanable, easy to maintain
- Excellent weathering characteristics—resistant, non-yellowing
- Available through Miracote distributors.

THEORETICAL COVERAGE RATES

300-320 sq. ft per gallon per coat
Two coats required for maximum solar reflectivity.

PACKAGING and COLORS

1-gallon can
5-gallon pail

MIX RATIO

Single Component. Thoroughly mix before use.

SHELF LIFE AND STORAGE

One year from the date of manufacture as long as containers remain unopened and material is stored in a protected environment free from moisture, excessive heat, freezing temperatures, and direct sunlight.

TYPICAL PHYSICAL PROPERTIES @ 75F (24C)

Vehicle Type acrylic polymers in aqueous dispersion

Cleaning Solvent Water

Color Standard colors

Physical Properties

Flexibility Excellent

Weather Excellent

Abrasion Very Good

Volume Solids 40 % approximately

Weight Solids 55 % approximately

PVC 20 % approximately

Curing time (@ 77°F)

Dry to touch 20-30 minutes

Recoat 1 hour

Open to traffic 4 hours

Leveling ability Excellent

SOLAR REFLECTIVE INDEX COMPARISON Between MiraGard Colorbond SR and Colorbond XL:

Product Name	SRI	Difference
304 Sandpiper Beige XL	46	23
304 Sandpiper Beige SR	69	
431 Bright Gray XL	17	32
431 Bright Gray SR	49	
413 Speedway Gray XL	36	29
413 Speedway Gray SR	65	
3305 Dodge City Tan XL	32	26
3305 Dodge City Tan SR	58	
2101 Toffee XL	20	36
2101 Toffee SR	56	
503 Adobe XL	14	32
503 Adobe SR	46	
3304 Provincial Tan XL	43	23
3304 Provincial Tan SR	66	
2102 Copper Kettle XL	23	27
2102 Copper Kettle SR	50	
4413 Dolphin Gray XL	29	27
4413 Dolphin Gray SR	56	
0110 White XL	70	10
0110 White SR	80	

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FOR BEST RESULTS

- Install a minimum 4' by 4' test area site mock up for approval of acceptable color, texture, finish, adhesion, and any other critical requirement acceptable to the owner prior to proceeding with the installation.
- Verify current versions of product technical data sheets (PTDS), material safety data sheets (MSDS), and installation guidelines (IG) at www.miracote.com.
- Protect materials from excessive heat and cold and regularly check wet film thickness with mil gauge and monitor consumption to ensure correct application thicknesses and rate are obtained.

OVERVIEW OF INSTALLATION STEPS

((Please refer to the following and contact Miracote with questions))

Apply in thin coats by brush, roller, or airless spray. It is usually applied in two coats and sometimes three coats. Always allow for losses due to application methods, surface porosity and texture. Dries to touch in approximately 20 minutes.

LIMITATIONS

- Apply only to clean, relatively dry surfaces.
- Apply only during temperatures ranging from 45°F to 90°F.
- Moisture transmission and efflorescence migration may result in delamination and/or discoloration of the finish. Use MiraPrime Aqua-Blok XL or XLi to prevent this from occurring.

LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICES ARE MET.

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CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



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