



## KEY FEATURES

- **Longevity:** Excellent durability, chalk resistance and color stability.
- **Excellent adhesion:** Designed for use over CSL Roof Coatings.
- **Highly visibility:** The yellow color provides a highly visible walkway.
- **Slip resistant:** Combine with CSL 469 Walkpad Granules to provide traction and resistance under foot traffic.

**Si-COAT® 462RC™** Silicone Walkpad Roof Coating: 100% silicone, RTV moisture cure, waterproof roof coating which forms a walkable path (in conjunction with CSL 469 Walkpad Granules), resistant to the effects of degradation caused by normal weathering, aging and ultraviolet exposure. The coating can be applied using brush, roller or squeegee.

## PRODUCT CHARACTERISTICS AND PRACTICAL INFORMATION

Volume Solids	93%
Typical Thickness Application Rate	4 gallon per 100 sq.ft

## APPROXIMATE THEORETICAL COVERAGE:

**Method of Application:** Squeegee, brush or roller.

**Application Temperature Range:** 41 to 140°F (5 to 60°C)

### Drying Time:

Skin-over Time	60 minutes*
Dry/Cure/Recoat Time	4 to 6 hours*
Full Physical Characteristics	7 days*

\*At standard conditions [77°F (25°C) and 50% relative humidity].

## REGULATORY DATA

Flash Point	88 °C (190.4 °F) PMC, ASTM D-93
VOC	70 g/L (0.58 lb/US gallon)

## PHYSICAL PROPERTIES

(Typical properties - values not to be used as specifications)

Uncured	
Specific Gravity	1.21
Appearance	Thick Paint
Viscosity	20,000 cP aprox.
Cure System	Neutral, moisture cure
Cured at standard conditions* for 7 days	
Hardness (ASTM D2240, Shore A)	45 points
Tensile Strength (ASTM D412)	200 psi
Elongation at break (ASTM D412)	100%
Tear Resistance (ASTM D624 Die B)	25 ppi

\*At standard conditions 77°F (25°C) and 50% relative humidity.

## COLORS

**Si-COAT® 462RC™** is available in Yellow. For special projects, other colors are available using custom color matching at an additional charge. Please contact CSL Silicones for assistance. Terms and conditions may apply.

## SURFACE PREPARATION & CLEANLINESS

All surfaces to be coated should be free of dirt, dust, chalking paint, old caulking, grease, oil, release agents, curing compounds and other foreign matter including frost. Surfaces should be power washed with appropriate detergent and rinsed prior to coating.

Roof surfaces need to be clean and dry.

## APPLICATION

**Mixing:** **Si-COAT® 462RC™** is supplied as a one-part coating (no component mixing necessary). **Mix by a powered agitator (300 – 400 rpm) for a minimum of 5 minutes**, to ensure an even consistency of coating is obtained without air in suspension.

**Application:** The temperature of the surface to be coated should be between 41 and 120°F (5 and 60°C) and environmental temperature should be at least 5°F (3°C) above the dew point prior to and during application.

When working with **Si-COAT® 462RC™** in high humidity and/or high temperature environments, it is recommended to use a pail lid adapter fitted with an agitator. This will prevent the product from skinning over and curing in the pail during application.

It is recommended that **Si-COAT® 462RC™** be applied using a brush, squeegee or roller. It is necessary to apply at a rate of 4 gallon per 100 sq.ft **Si-COAT® 462RC™** can be applied in a single coat withstanding blistering and providing superior adhesion. Roller and brush application will require multiple coats to achieve desired DFT even if the coverage is adequate.

When using **Si-COAT® 462RC™** Silicone Walkpad to create a walkway for pedestrian light traffic, it is recommended that CSL 469 Walkpad Granules be applied to the wet product at a rate of 18 lb. per 100 sq.ft. to provide resistance to wear and grip under pedestrian maintenance traffic.

**CAUTION:** The use of granules will improve traction, however, caution must be exercised when walking on **Si-COAT® 462RC™** Silicone Walkpad, especially in wet conditions.

Surface finish is dependent on application method. Avoid using a combination of application methods whenever possible. Superior aesthetic appearance will be obtained with airless spray application.

Always perform an adhesion test patch over smooth substrates, existing coated roofs and metal roofs. If adhesion result test is not satisfactory for the project please contact CSL Silicones for [compatible primers](#) and repeat test.

**Thinner:** Not recommended.

**Cleaner:** Naphtha or Odorless Mineral Spirits.

**Work Stoppages & Restarts:** Work stoppages are not recommended with only partial utilization of a container of **Si-COAT® 462RC™**. If work must stop after only a portion of a container of **Si-COAT® 462RC™** is used, seal to minimize air and moisture contact with the coating by covering the surface of the coating with a sheet of polyethylene film, then reseal the container to be airtight.

Upon reopening the container to restart work, peel back the polyethylene film. If curing of the coating has occurred, use a utility knife to cut the cured coating away from the wall of the container. Peel away the cured layer of coating to expose fresh coating underneath.

**Clean-up:** Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with **Si-COAT®** equipment cleaner, naphtha or mineral spirits.

Fully cured coating is environmentally benign (will not harm) and is suitable for landfill disposal. However, always check local environmental regulations before disposal.

## SYSTEMS COMPATIBILITY

Although no primer is needed prior to applying **Si-COAT® 462RC™** to CSL Roof Coatings and most existent Silicone Roof Coatings, it is recommended to do a quick field adhesion test prior to application.

**Si-COAT® 462RC™** is compatible with with all CSL neutral cure sealants (including CSL 463 Silicone Roof Sealant, CSL 464 Silicone Self-Leveling Roof Sealant and CSL 465 Silicone Flashing Sealant). Please contact CSL Silicones for additional compatibility with after-market roof products.

**Si-COAT® 462RC™** has excellent tolerance to airborne chemical exposure.

**Si-COAT® 462RC™** is not for use on 3-tab asphalt or architectural shingles, and not for use in contact with potable water. Multiple coats, sealants and combination of other compatible roof materials may be required to create a seamless membrane.

## SAFETY PRECAUTIONS

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given in this document. See Safety Data Sheet (SDS) and the container(s). All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety & Environmental standards & regulations.

**Slip warning:** Use extreme caution when working or walking on silicone coated surfaces. Surface is extremely slippery and can result in fall hazard with injury or death.

## PACKAGING

Size (unit)	Product Volume	Net Weight
2.5 US gal pail	2.5 US gal / 9.5L	25.3 lbs / 11.5kg
5 US gal pail	5.0 US gal / 18.9L	50.7 lbs / 23kg
55 US gal drum	55 US gal / 208.2L	557.7 lbs / 253kg

\*For availability of other package sizes, please contact CSL Silicones Inc.

## STORAGE

**Shelf Life:** 12 months from date of manufacture in the original unopened container below 90°F (32°C). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat or ignition. May be stored below freezing.



### Disclaimer

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this document without first obtaining written confirmation from CSL Silicones Inc. as to the suitability of the product for the intended purpose does so at his/her own risk. The information contained herein has been prepared in good faith to comply with applicable federal and provincial (state) law(s). However, no warranty of any kind is given or implied and CSL Silicones Inc. will not be responsible for any damages, losses or injuries that may result from the use of any information contained herein. While CSL endeavors to ensure all advice it gives about the product (whether in this document or otherwise) is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless CSL specifically agrees in writing to do so, it does not accept any liability whatsoever or howsoever arising for the performance of the product, or for any consequential loss or damage arising out of the use of the product. Any warranty, if given or specific Terms & Conditions of Sale are contained in CSL's Terms & Conditions of Sale, a copy of which can be obtained upon request. The information contained herein is liable to modification from time-to-time in light of experience and CSL's policy of continuous product improvement. It is the user's responsibility to check that this document is current prior to using the product. This document must not be used for specification writing.

## Technical Data Sheet

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