

**Product Description**

SIKKENS Rubbol Solid DEK is a low lustre acrylic/oil solid stain for exterior wood decks that offers excellent durability and protection for the most demanding of applications; decks, covered porches, railings, benches, patio furniture, play sets.

**Recommended Uses**

New and maintenance work.  
 Residential and commercial sites.  
 Decks, railings, patio furniture, benches, wood play sets and covered porches.  
 Exterior only.

**Surfaces**

Pine, cedar, redwood, pressure treated woods and most composite woods.  
 Can be applied over old well-prepared finishes: paint, solid and semi-transparent stains (except for water-repellent stains containing wax).

**Features & Benefits**

- Provides superior wood surface penetration & colour retention.
- Bonds to bare wood and most previously coated surfaces.
- Microporous; Minimizes the occurrence of peeling and blistering.
- Allows an easy tool clean-up with water.
- Low VOC content complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

**Colour Range**

Consult your retailer for more information on product and size availability.

**Characteristics (21°C (70°F))**

- Appearance** Solid colour  
**Finish** Low lustre finish  
**Composition** • Diluent: Water  
 • Binder: Polymer and penetrating oil emulsion  
**Flammability** Non flammable  
**Flash Point\*** Not applicable  
**Viscosity\*** Ready to use (80 ± 5 Krebs Units)  
**Density\*** 1.3 ± 0.1 kg/L  
**Solids by Weight\*** 55%  
**Solids by Volume\*** 40%  
**Volatile Organic Compounds (VOCs)\***  
 According to ASTM D3960-05: < 100 g/L  
 Canadian regulation: < 250 g/L

\*Technical data source: SIK55100  
 (Data for colour and tint bases may vary)

**Recommendations**

- Tools** • Paintbrush: Synthetic bristles (nylon, polyester).  
**Spreading Rate per Coat**  
 • Smooth Wood: 28 to 37 sq. m/gal (300 to 400 sq. ft./gal)  
 • Rough Wood: 18.5 to 28 sq. m/gal (200 to 300 sq. ft./gal)

- Vary due to application methods.
- Vary due to the porosity and roughness of the wood.

**Cleaning**

Remove as much product quantity as possible and clean tools with warm water and soap immediately after use. Clean spills right away with a damp cloth.

**Drying Time\***

- Before recoating: 4 to 6 hours minimum
- Prior to withstanding rain: 5 hours minimum
- Prior to circulation: 24 hours
- Prior replacing furniture: 5 to 7 days
- Before cleaning: 14 days

When relative humidity is higher than 50%, double the required drying time.

**Application Conditions**

Temperature: 10 to 35°C (50 to 95°F)  
 (ideal 20°C ± 5°C [68°F ± 9°F]).  
 Relative humidity: Ideal between 15 and 50%, maximum 85%.  
 Avoid dew. Do not apply under direct sunlight, on a warm surface or during windy conditions.  
 Application conditions must be maintained during paint application and drying.  
 Do not apply if lower temperatures are expected within 3 to 6 hours.  
 Do not apply when rain is expected within 5 hours minimum.  
 High humidity or low temperatures extend drying time.

**Notes**

During application, moisture content of wood substrate should not exceed 18%.  
 Do not apply when rain, dew, or frost are forecast within 5 hours of application.  
 Not to be used on torrefied wood.  
 Drying will take longer at low temperatures or under high conditions of humidity.  
 This product is incompatible with preservatives and waterproof semitransparent stains containing wax.  
 This product is not to be mixed with other products.

## Surface Preparation

Surfaces must be clean, solid, dry and free from dust, dirt, mildew, chalking, pre-existing finishes, and other foreign substances, contaminants and natural extractives. Follow the preparation steps, as described below:

### NEW, WEATHERED, UNCOATED, OR PREVIOUSLY COATED WOOD:

The best method to prepare horizontal wood surfaces is to sand with 60 - 80 grit sandpaper. Remove all sanding dust and dirt by vacuuming or sweeping. Do not sand composite decking surfaces. Alternates to sanding for preparation are listed below. If the adhesion of an existing coating is in question, it must be removed prior to applying the coating.

Spray the surface with clean water to wet the wood.

Mix a solution of 120 g (4 ounces) of 100% powdered Tri-Sodium Phosphate (TSP) in 3 litres of water then add 1 litre of liquid bleach. Wear rubber gloves and eye protection. Rinse well with clear water and let dry thoroughly.

OR use a phosphate-free substitute in accordance with the fabricant's directions for use. Apply, scrub and power wash as describe below. Then wash with a solution of household bleach (1 part household bleach to 3 parts of water). Wear rubber gloves and eye protection. Rinse well with clear water and let dry thoroughly.

OR use an exterior wood cleaner, brightener and conditioner in accordance with the fabricant's directions for use. Wear rubber gloves and eye protection. Rinse well with clear water and let dry thoroughly.

Apply one of these solutions with a garden pump sprayer. Let the solution sit on the wood for 15 - 20 minutes.

During this period, scrub the surface with a hard bristle brush to help remove mill glaze and/or weathering. Do not allow solution to dry on the surface. Keep it wet.

Power wash the cleaning solution from the wood with clean water. Do not exceed 500 PSI. The nozzle must be a maximum of 30 cm from the surface. Use of a garden hose (approximately 60 PSI) is not suitable.

Let the surface dry for 3 days one day for previously coated surfaces) before applying the coating.

If there are any glossy patches or loose coating left, scuff sand with 80 grit sandpaper.

► Once the surface is free of any contaminant, wait 16 hours after light rain and 24 hours after moderate or heavy rain or pressure jet washing before to apply the product under the recommended conditions of application.

► During application, moisture content of wood substrate should not exceed 18%.

### Notice:

Moisture content of wood must be lower than 18% during application.

## Application

This is a ready-to-use product, do not thin. Stir thoroughly the product before and during application.

Pour the quantity of stain needed into another container to avoid contaminating the original container. Keep containers closed when not in use.

- Apply on properly prepared surfaces.
- Brush on a liberal coat and maintain a wet edge to prevent lap marks.
- Saturate all end grains, nail holes, cavities, and cracks in the wood.
- Brush in the direction of the wood grain starting at one end of the wood and continuing to the other end.
- On vertical surfaces the product should be applied from the top down.
- Do not use this product as a primer for other SIKKENS products.

For more information on application methods, visit the website at [www.sikkens.ca](http://www.sikkens.ca) or call our customer service: 1-800-463-7426.

## Systems recommendation according to surfaces

### **Bare wood:**

- Apply 2 coats of Rubbol Solid DEK . Saturate all end grains. Back prime when possible. Allow a minimum of 4 to 6 hours dry-time between coats.

### **Previously coated surfaces:**

- Apply 1 or 2 coats of Rubbol Solid DEK . Saturate all end grains. Back prime when possible. Allow a minimum of 4 to 6 hours dry-time between coats.

## Surface Maintenance

- Let surface dry completely and wait at least 14 days before cleaning.
- High and continuous moisture content, insufficient ventilation of wood or high traffic areas (decks) prematurely affect the product performance.
- In general, for long-term maintenance and to ensure optimal durability, apply a single coat of product to the prepared surface every 2 to 3 years. Depending on the surface conditions of the deck and levels of daily wear and tear, this maintenance coat may be required sooner. Before applying the maintenance coat, follow the maintenance preparation procedures. Let surface dry 24 hours. Apply 1 coat of product.



### **Safety Measures**

Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children.

FIRST AID TREATMENT: If in contact with eyes, flush thoroughly with clear water. If swallowed, do not induce vomiting. Call poison centre or physician immediately.

### **Storage and Transportation**

Keep in a dry and ventilated area, between 10 and 30°C (50° and 86°F).

AVOID FREEZING.

Shelf Life: 3 years, unopened stored away from excessive heat/direct sunlight.

### **PRODUCT DISCLAIMER**

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This technical data sheet, No. SIK55100, replaces all earlier versions.

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