

# RUBBOL DEK PREPARATION DETAILS

## ■ Preparation Details

New wood should have ample time to dry out thoroughly before construction begins. If the wood to be used is new pressure-treated or wolmanized, assume it is too wet to coat. This also applies to wood grades stamped “s-green.” If in doubt, ask your lumberyard or contractor if the wood is “green” or “dry.” Unassembled boards should be dried for 4-6 weeks in good drying weather (warm and sunny). Spacers should be put throughout the woodpile so air can circulate between and over the boards. Cover the wood in wet weather.

Note: Before any preparation procedure (sanding, TSP bleach cleaning, oxalic acid, etc.) to treated wood (wolmanized, Timbor, etc.) contact the manufacturer of the treated wood for proper personal protective equipment recommendations and advice on health and environmental risks.

### ■ New or Weathered Wood

If the wood used in the project is new, it can have mill glaze / planers crush. If the wood used is weathered wood, it will have pollution, contaminates, or deteriorates on the surface.

The best method to prepare any wood surface is to sand it with 80-120 grit sandpaper for vertical surfaces, 60-80 grit sandpaper for horizontal areas (deck floors and tops of handrails).

### CLEANING RECOMMENDATION

An alternate to sanding for preparation is as follows: \_\_\_\_\_

1. Spray the surface with clean water, wetting the wood.
2. Clean the surface with a solution of four (4) ounces of Tri-Sodium Phosphate (TSP) or phosphate-free substitute plus one (1) quart of liquid bleach in three (3) quarts of water. Apply this solution generously to the wood with a garden pump sprayer.
3. 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 weather-ing. Do not let the solution dry on the wood. Keep it wet. (It's best to work with smaller manageable sections. Too large of an area can lead to the solution drying too quickly).
4. Power wash the cleaning solution from the wood with clean water. To prevent damaging the wood, do not exceed 500 psi. The nozzle must be a maximum of one (1) foot from the surface for full effectiveness. Use of a home garden hose (approximately 60psi) is not suitable – proper power washing equipment must be used for maximum effectiveness.
5. Let the surface dry for three (3) good dry days before applying the coating.

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## Previously Coated Wood

When using Rubbol DEK, old coatings do not necessarily have to be removed. As long as the existing coating is in good condition, follow the weathered, uncoated wood preparation instructions (TSP bleach, water solution). If the adhesion of the existing coating is in question, it must be removed prior to applying Rubbol.

## COATING REMOVAL

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For complete removal of an old coating, follow one the methods listed below.

A

1. Sand the surface with 60-80 grit sandpaper to sand down to the bare wood. Always sand in the direction of the wood.
2. Remove all sanding dust and dirt by vacuuming or sweeping.

B

1. Use a wax-free chemical stripper, following the manufacturer's instructions, to strip down to bare wood.
2. Let the surface dry for three (3) good dry days before beginning to coat the wood. The wood must be completely dried out before coating (i.e. moisture content below 18%).

## Application Do's and Do Not's

### DO:

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✓ Apply when surface & air temp is 50° to 95° F (10° to 35° C)	✓ Saturate all end grains	✓ Apply liberal coats	✓ Maintain a wet coat	✓ Apply in direction
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### DO NOT APPLY:

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✓ In direct sunlight	✓ When surface is hot to touch (over 95° F / 35° C)	✓ When dew or frost is present	✓ In wet weather	✓ If moisture content of the wood is over 18%
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## Color check

It is always recommended to do a full coating system color test on a sample of wood that will be used in the project. This will ensure that the desired color is achieved.

## Batch check

To ensure color consistency throughout a project, it is always recommended that an identical product batch number be chosen for the job. If different batch numbers exist, mix all batches together for color consistency.

## Tools

Apply Rubbol Solid Stain, Opaque Satin and Rubbol DEK with a long-haired nylon-polyester brush. Please contact the Decorative Technical Department of Akzo Nobel regarding spray application.

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## **Back Priming**

For all products, application of one coat to all sides of the boards is the best recommendation to prevent excessive moisture intake in the wood, which may result in coating failure.

## **Deck Furniture**

To ensure complete product curing, we recommend that you wait at least seven (7) days before you move any furniture back onto your deck.

## **Timing**

The deck system should be applied within one (1) week, once the surface has been prepared.

## **Hazing on Decks**

To prevent hazing (whitish haze on the surface) from occurring, allow at least five (5) hours of drying time before dew, frost or rain is expected. If hazing should occur, let the product dry for seven (7) days. Lightly sand the surface with 180-220 grit sandpaper, then reapply a thin coat of the product under favorable weather conditions.

## **Bad/Wet Weather**

Do not apply finishes, especially deck products for at least 72 hours following any precipitation (rain, dew, or frost etc.).

## **Storage**

Keep from freezing. Always keep Rubbol Solid Stain, Rubbol DEK and Opaque Satin in a frost-free area.

## **Extractive Bleeding**

When applying Rubbol DEK, Rubbol Solid Stain and Opaque Satin to certain types of knotty woods, a non-bleeding primer may be necessary to prevent extractive bleeding from the wood. Before coating application, prepare a two-coat test sample on your wood to ensure extractive bleeding will not occur.

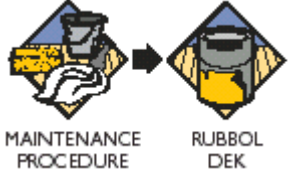
# RUBBOL DEK APPLICATIONS

## RUBBOL DEK – SOLID COLOR SATIN FINISH

### Decks – uncoated



### Decks - previously coated



### Maintenance

In general, for long-term maintenance and to ensure optimal durability, apply a single coat of Rubbol DEK to the prepared surface every two (2) 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.

# Maintenance Preparation Procedures

Maintenance depends on the location of the project, the wood construction and many other variables. Therefore, use the following maintenance schedules as a guideline. Every year an inspection should be made for signs of wear and tear. Before applying the maintenance coat, always clean and prepare the surface as follows:

1. Spray the surface with clean water to wet the wood.
2. Clean the surface with a solution of two (2) ounces (four (4) ounces for maintenance of Cetol SRD) of Tri-Sodium Phosphate (TSP) or a phosphate-free substitute plus one (1) quart of liquid bleach in three (3) quarts of water. Apply this solution with a garden pump sprayer to the surface.
3. Let the solution sit on the wood for 15-20 minutes. Do not let the solution dry on the surface.
4. Power-wash the cleaning solution from the surface with clean water. To prevent damaging the wood, do not exceed 500 psi. The nozzle must be a maximum of one (1) foot from the surface for full effectiveness. Use of a home garden hose (approximately 60 psi) is not suitable – proper power washing equipment must be used for maximum effectiveness.
5. Let the surface dry for three (3) good dry days.
6. Proceed with application of the maintenance coat.