

BONDING

Prepare and Apply

A complete guide to
prepare and apply
Crimp Coat pretreatment over
Roll-on® Skate Floor Finish, Traction®
and other approved floor
coatings



Laminating and Bonding Pretreatment

For use when coating Traction® water based floor coatings over previously coated water or solvent based finishes



FAMILY OF FLOOR COATINGS

STOP

READ THIS ENTIRE BULLETIN BEFORE PROCEEDING

This methods bulletin is to be used **only** by appropriately trained persons in conjunction with such training. IMPROPER USE OR OPERATION OF CHEMICALS OR EQUIPMENT POSES RISK OF PHYSICAL INJURY OR PROPERTY DAMAGE. Specific risks include, but are not limited to, burns, and improper application of chemical products (e.g. wrong product, wrong product combinations, improper applicator use, and improper curing.) Because successful and safe application is the responsibility and obligation of the trained applier, the manufacturer disclaims any and all warranties, express or implied, including warranties of MERCHANTABILITY or FITNESS OF PURPOSE. The manufacturer shall have no obligation except to replace repair, or pay for, in its sole discretion, any chemical product or equipment shown to be defective.

No person has authority to waive these disclaimers or make any representations or warranties on behalf of the manufacturer, except in writing signed by the manufacturer.

If you have not had training with the particular product or equipment discussed in these guidelines that you intend to use, please call: **Roll-on Floor Systems, LLC 817-571-2438** to discuss and arrange training.

Annual Re-coating Floors with Traction® Skate Floor Coating

This Method Bulletin covers aspects of the annual re-coating of flooring with Traction®.

Preparation of flooring is the most critical step which will ensure the success of your recoating process. The Crimp Coat, pre-treating procedure has its benefits/ drawbacks. Read the procedure carefully to decide which method is best.

The procedure you choose must be followed exactly.....no shortcuts. Failure to follow each step completely can cause product failure and will void any warranty.

If you have questions, please call Roll-on® at 817-571-2438

Table of Contents

Previously Coated Floor Preparation
Crimp Coat Application Instructions
Review Application Video at www.roll-on.com
Recommended Line Paint

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For best performance, DO NOT APPLY if any of the Following Conditions Exist:

Floors Less than 2 Years Old: Manufacturers and installers of hard flooring typically do not recommend using automatic scrubbers on newly installed flooring. **Check the Manufacturers Warranty before Starting the Re-Coat Process.**

New or Freshly Sanded: Crimp Coat™ is a bonding agent and should not be applied directly to new, unsealed floors or floors that have been sanded to bare.

Peeling or Poorly Bonded Finishes: If the previous finish is peeling, flaking or otherwise not adhering, Traction® should not be applied.

Heavy Finish Build-Up and Soiled: If the floor exhibits a heavy build-up of finish and soils and marks have been “sealed in.”

Damaged floors with large gaps: Floors that are warped or have large gaps greater than 1/8 inch.

Parquet Floors: Not recommended for parquet floors.

Contaminated Floors: Floors that have been treated with oil or coated with wax, including paste wax.

Equipment / Supplies:

- ___ Putty Knife
- ___ 5 gallon pails
- ___ 120 Grit Sanding Screen (1 per 1,000 sq. ft.)
- ___ 175 rpm Floor Machine with Driver
- ___ Scotch Brite Surface Preparation Pads (SPP) (1 per 500 sq. ft.)
- ___ Red, Blue or Green Pads for Floor Machine
- ___ Extension Cords
- ___ Cotton Towels
- ___ Traction® Cleaner
- ___ Push Broom
- ___ Mop-Bucket with fresh water
- ___ Garbage Bags for Clean-Up
- ___ Microfiber Drag Mop – 5’ or 6”
- ___ Rags
- ___ Mop Buckets

CRIMP COAT™

Bonding Agent

Crimp Coat™ Floor Recoating Sealer allows Traction® Floor Coating to bond to most sports floors* without the need to “screen” existing coatings. Traditionally, screening an existing floor coating is required to ensure that the top coat will bond to the existing coating and will not peel or flake off of the floor over time. This screening step is labor intensive and expensive when factoring in time/labor and costs of the screens.

Crimp Coat™ saves time, labor & money and ensures that our Traction® Floor Finish will bond to most existing coatings* with no risk of peeling or flaking issues. Just remove any marks on floor, clean the floor, rinse and apply one thin coat of Crimp Coat™.

* May not work on some epoxy-based sports floor coatings.



Crimp Coat™ Floor Preparation using a 175 RPM Floor Machine

Step 1: Dust mop floor to remove dust, sand and any debris. Use a putty knife to scrape up gum, labels and tape adhesive left on the floor. Remove any gum or adhesive residue. Rinse area with fresh water thoroughly.

Step 2: Clean and scrub the floor using a solution of Traction® diluted at 8 oz/gallon. Apply the Traction® solution to the floor with a mop and scrub the floor with 175 RPM floor machine and a blue or green pad (3M SPP Pads are also acceptable).



Note: Divide floor into smaller sections so the Traction® solution does not dry out before being picked-up. 250 square feet sections are suggested.

Pick-up spent solution after scrubbing with a wet-vac or an autoscrubber. Rinse with fresh water.

Step 3: Rinse Floor thoroughly with fresh water. Scrub floor with floor machine and red or blue pad. Pick-up rinse water with wet-vac. Allow floor to dry.

Step 4: Immediately before applying the “Crimp Coat™”, tack floor with clear water and cotton towels to remove any residual dust. See page 5 for detailed instructions on “Tacking a Floor”.

Step 5: Apply one thin coat of Crimp Coat™ Floor Recoat Sealer using a microfiber finish mop. Allow to dry one hour. If humidity is high, a slightly longer dry time may be required. Floor should be not be sticky or tacky.

Step 6: Apply Traction® according to Coating instruction brochure.

Crimp Coat™ Floor Preparation using an Autoscrubber

Step 1: Dust mop floor to remove dust, sand and debris. Use a putty knife to scrape up gum, labels and tape adhesive left on the floor. Use **Mastery dL** to remove any gum or adhesive residue by applying a small amount to a cloth and rubbing the residue until it’s removed. Rinse area with fresh water thoroughly.

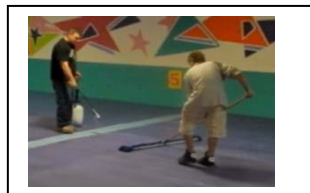
Step 2: Clean and scrub the floor using a solution of Traction® diluted at 8 oz/gallon in the solution tank of an autoscrubber using Blue or Green Pads (3M SPP Pads are also acceptable). Scrub floor two times in opposite directions for best results.



Step 3: Dispose of cleaning solution in solution tank of autoscrubber and fill with fresh water. Rinse floor thoroughly with fresh water using a red or blue pad on the autoscrubber. Rinse floor two times in opposite directions for best results. Allow floor to dry.

Step 4: Immediately before applying the “Crimp Coat™”, tack floor with clear water and cotton towels to remove any residual dust. See page 5 for detailed instructions on “Tacking a Floor”.

Step 5: Apply one thin coat of Crimp Coat™ Floor Recoat Sealer using a microfiber finish mop. Allow to dry one hour. If humidity is high, a slightly longer dry time may be required. Floor should be not be sticky or tacky.



Application of Crimp Coat with sprayer and microfiber mop.

Note: Do not wait over 3 hours before applying the Traction® or you will be required to repeat steps 4 & 5.

Recoat Calculator

PRODUCT ESTIMATER FOR YEARLY RECOAT

STEP 1:

MEASURE FLOOR SURFACE

(Multiply length x width for square footage)

Length ___ ft X Width ___ ft = _____ sq. ft.

STEP 2:

MATERIALS CHECKLIST OF EQUIPMENT AND PRODUCTS NEEDED

A. Products

- ___ Traction® (no rinse cleaner)
- ___ Crimp Coat™ Floor Recoat Sealer
- ___ Traction® w/ catalyst

STEP 3:

PRODUCT ESTIMATER

A. Traction® Cleaner diluted at 1:16 (8 oz/gal.)

_____ ft² / 18,000 ft² / gal. = _____ Gallons
(Floor Size) Traction® (1 gallon Traction® @ 1:16)

Example: 10,000 Square Foot, Traction® Cleaner diluted at 1:16: 10,000 ft² = ½ to ¾ Gallons Traction® 10,000 ft²

Note: 1 gallon of diluted Traction® cleaner will clean approximately 18,000 square feet.

B. Crimp Coat™ Floor Recoat Sealer

(_____ ft²) / (1,000 ft² *) = _____ Total Gallons

Example: 10,000 Square Foot, 1 Coat of Crimp Coat™

10,000 ft² / 1,000 ft = 10 Total Gallons

C. Traction® Floor Coating w/catalyst

Total ((_____ ft²) / (500 ft² *)) X (2 coats) = _____ Gallons

Example: 10,000 Square Foot, 2 Coats

((_____ ft²) / (900 ft² *)) X (2 coats) = _____ Gallons

Example: 10,000 Square Feet - 2 Coats:

10,000 / 900 = 10+ gallons x 2 coats = 20 Total Gallons.

Measurements above are estimates and are dependant on several factors including porosity of floors, application methods, dilution rates and human factor. Always have extra product on hand so you don't run short.

Maintaining Floors

To keep finished floors looking their best and maintaining a high traction surface, use Traction® floor cleaner. Safe for sealed floors, Traction® is effective at cutting oily residue that can make floors slippery, and it will not leave a dulling residue.

Daily/Weekly

Dust mop daily with an **untreated microfiber drag mop** to remove debris, abrasive, dirt and soils. This should be done as often as possible!

Clean floor using Traction® at 2-4 oz./gallon by: Autoscrubbing, tack cleaning, or damp mopping. **NEVER USE A JANITOR'S STRING MOP.**

Monthly

Deep scrub to remove oily deposits, black marks, etc. using Traction® at 2-4 oz./gallon. Use an autoscrubber or 175 rpm floor machine with a wet-dry vacuum.



FAMILY OF FLOOR CARE PRODUCTS

From the Makers of Roll-on® Floor Finish
233 West Pipeline Road
Hurst, Texas 76053
www.roll-on.com

Equipment Check List

- ___ Low Speed Single disk floor machine with pad driver.
- ___ Red, Blue Pads for use with floor machine.
- ___ Wet/dry Vacuum
- ___ Mop bucket with wringer
- ___ Cotton Mops with Handles
- ___ 120 grit Sanding Screens (1 per 500 sq. ft.)
- ___ Scotch Brite Surface Preparation Pads (1/500 sq. ft)
- ___ Microfiber Frame and Handle
- ___ Microfiber pads (designed for applying floor finish)
- ___ 50 ft extension cords
- ___ Putty knife
- ___ Cotton Towels
- ___ 3/4 Inch masking tape.
- ___ 2" paint brushes
- ___ Padco Professional Floor Coater
- ___ Padco Floor Coater Refill Pads
- ___ Garden Sprinkling Can
- ___ Dust Mop