

# 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**

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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

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## **STOP! READ BEFORE PROCEEDING**

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**Roll-on® at 817-571-2438** to arrange training.

**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.

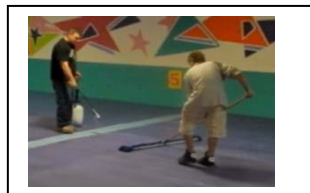
**Step 2:** Clean and scrub the floor using a solution of Traction® diluted at 8 oz/gallon in the solution tank of an autoscrubber using Blue or Green Pads (3M SPP Pads are also acceptable). Scrub floor two times in opposite directions for best results.



**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.)

\_\_\_\_\_ ft<sup>2</sup> / 18,000 ft<sup>2</sup> / gal. = \_\_\_\_\_ Gallons  
(Floor Size) Traction® (1 gallon Traction® @ 1:16)

*Example: 10,000 Square Foot, Traction® Cleaner diluted at 1:16: 10,000 ft<sup>2</sup> = ½ to ¾ Gallons Traction® 10,000 ft<sup>2</sup>*

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

###### B. Crimp Coat™ Floor Recoat Sealer

( \_\_\_\_\_ ft<sup>2</sup>) / (1,000 ft<sup>2</sup> \*) = \_\_\_\_\_ Total Gallons

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

10,000 ft<sup>2</sup> / 1,000 ft = 10 Total Gallons

###### C. Traction® Floor Coating w/catalyst

Total (( \_\_\_\_\_ ft<sup>2</sup>) / (500 ft<sup>2</sup> \*)) X ( 2 coats) = \_\_\_\_\_ Gallons

*Example: 10,000 Square Foot, 2 Coats*

(( \_\_\_\_\_ ft<sup>2</sup>) / (900 ft<sup>2</sup> \*)) 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](http://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