

# CHEMBOND

3945

## DeckBond™ 3945

### Vinyl Decking Adhesive

#### Product Description

DeckBond 3945 is a specialized contact cement designed for the installation of vinyl decking flooring products. It also can be used to install rubber and vinyl stair treads.

#### Features

- Good plasticizer migration resistance.
- Low viscosity for easy application.

#### Uses

- Use for the installation of vinyl sheet decking as well as rubber and vinyl stair treads.
- Use for interior and exterior applications where substrate temperatures are between 10°C and 32°C (50°F and 90°F) and where humidity does not exceed 50%.

#### Substrate Requirements

All surfaces must be structurally sound, level and clean of all substances that can weaken the adhesive's bond to the substrate. These include, but are not limited to, concrete sealers or curing agents, existing adhesive, dirt, wax, tar, paint and loose toppings. If the surface contains these substances, they must be mechanically removed. The use of solvents or acid etching is not recommended.

### TECHNICAL QUICK REFERENCE

#### Approximate Coverages\*

On substrate: 0,25 to 1 L per m<sup>2</sup> (0.006 to 0.0245 U.S. gal. per ft.<sup>2</sup>)  
On flooring: Up to 0,25 L per m<sup>2</sup> (0.006 U.S. gal. per ft.<sup>2</sup>)

\* Coverages are for estimating purposes only. Actual coverage may vary according to substrate conditions and type of roller.

#### Product Characteristics

(at 23°C [73°F] and 50% relative humidity)

Drying time before

mating the two surfaces .....5 to 30 minutes, depending  
on temperature and humidity

Shelf life .....9 months in original container

Health and Safety .....Consult the Material Safety Data  
Sheet (MSDS) for safe-handling  
instructions.

We proudly support the following industry organizations:



## Approved Substrates Properly Prepared (see “Substrate Requirements for Floor Coverings” document for preparation details)

- Fully cured concrete with no more than 1,36 kg per 92,9 m<sup>2</sup> (3 lbs. per 1,000 ft.<sup>2</sup>) per 24 hours of moisture vapor emission (ASTM F1869) with a pH of 5 to 9.
- APA Type 1 exterior-grade CC-plugged plywood CSA 0121 or CSA 0151 (NIST PS 1-95).
- Any underlayment or substrate approved and warranted by the flooring manufacturer and/or the underlayment manufacturer for the specific type of installation.

Consult Technical Services (1-888-243-6263) for installation recommendations regarding substrates and conditions not listed.

## Application

1. Extinguish all flames and pilot lights. Turn off thermostat, stoves, heaters, electric motors and other sources of ignition during use, leaving them off until all vapors are gone.
2. In a well-ventilated area, roll adhesive onto substrate using a solvent-resistant short-nap roller.
3. Once the adhesive on the substrate is dry but still tacky (with no transfer to the finger), apply adhesive to the back of the flooring.
4. Allow the adhesive to dry until it produces “strings” when touched. Lay flooring onto the substrate and press firmly.
5. Complete the installation following the flooring manufacturer's instructions.
6. Clean all tools and smudges from the flooring with mineral spirits.
7. Protect from traffic for 24 hours after installation.

## Important Notice

Before using, user shall determine the suitability of the product for its intended use, and user alone assumes all risks and liability whatsoever in connection therewith. ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.

### CONTACT US

Chembond®  
MAPEI® Inc.  
2130 Williams Parkway  
Brampton, Ontario L6S 5X7  
www.chembond.com

Other Locations  
Laval (QC) • Delta (BC)

Customer Service  
Phone: 1-888-243-6263  
Fax: (905) 799-2436  
E-mail: customer@chembond.com

Technical Questions  
Phone: 1-888-243-6263  
E-mail: technical@chembond.com

For the most up-to-date information on this product, visit [www.chembond.com](http://www.chembond.com).

PR4895 3945D\_G08Evp  
© 2008 MAPEI Inc. All Rights Reserved.

Printed in the USA