



UNIVERSAL PRESSURE SENSITIVE ADHESIVE

22 JUNE 2020

YOUR SMART ADVANTAGES

- Permanent, aggressive tack
- Bonds a wide variety of flooring
- Bonds up to 99% RH & 12.0 pH (for sheet vinyl, 90% RH & 10.0 pH)

DESCRIPTION

Uni-Lock™ is a multi-purpose, high tack, water based adhesive specifically formulated for the installation of most resilient flooring in residential and commercial applications. Uni-Lock™ is a low VOC formulation. Uni-Lock™ flashes off quickly, but has a long working time. It displays tenacious bond strength. Uni-Lock™ has been formulated with exceptional application properties including excellent trowelability, fast tack/grab, low odour and easy clean up.

USES

Bonding vinyl (sheet, tiles or planks), VCT, cork and modular carpet tiles in residential or heavy commercial applications.
 May be used over properly prepared concrete, or AS/NZS graded plywood, in dry, above-grade applications, as well as radiant heat.

PRODUCT CHARACTERISTICS

Colour	White
Appearance	Smooth paste
Density	0.99 Approx
Tack Free Time	Approx 4 Hrs @ 25°C 50% RH
Full Cure (1mm film)	Approx 24 hrs Depending on temp & relative humidity
Product Code 15 Kg pail	30856393

DIRECTIONS FOR USE

Read and understand this data sheet completely before beginning installation. Follow the appropriate industry standards, including:

AS 1884 Floor coverings – Resilient sheet and tiles – Installation practices.

AS/NZS 2455.1 Textile floor coverings – Installation practice – General

AS/NZS 2455.2 Textile floor coverings – Installation practice – Carpet tiles.

Resilient flooring materials have vastly different substrate preparation and installation requirements that are essential to a successful installation regardless of flooring material or adhesive being installed.

Therefore, always do a test area to ensure proper bonding and adhesive spread rate, and/or to become familiar with proper application techniques prior to use.

Surface Preparation

- Surfaces must be clean, dry and flat, free of voids, projections, loose materials, oil, grease, sealers and all other surface contaminants.
- Mechanically remove all surface contaminants by grinding or scarifying the substrate. Surface areas requiring patching or leveling must be treated using Bostik cement patches and/or self-leveling underlayments. Refer to the use instructions of these products for proper installation.
- Bostik Ultraseal vapor barrier coating or Bostik Moisture Seal moisture barrier coating are recommended for installations where moisture and/or alkalinity in excess of stated limits may exist or might occur from the concrete slab.
- Substrates treated with Bostik Ultraseal or Bostik Moisture Seal should be covered with Bostik PrimeGrip and Bostik UL-200 prior to applying the covering.
- **PLEASE NOTE: Uni-Lock™ is not a moisture vapor barrier.**

Application

Spread Uni-Lock™ evenly with the proper trowel as described below. Open time is influenced by substrate porosity and atmospheric conditions (i.e. temperature, humidity, and air movement). For best results, maintain adhesive, floor covering, and room at a stable temperature of 18°C - 30°C continuously for 48 hours before and after installation. Relative humidity must be maintained between 45-65%. Follow manufacturer recommendations for rolling and/or cross rolling the flooring during installation. [DIRECTIONS FOR USE Cont.](#)

Application Cont.

Temperature, humidity and substrate porosity affect the flash time and working time. The higher the temperature, the lower the humidity, and the more porous the substrate, the faster the flash time and working time. Flooring may be installed when the adhesive has flashed off sufficiently to prevent adhesive transfer to the fingertips, usually after 10-20 minutes. Always follow the flooring manufacturer's installation guideline. Flooring must be installed within the working time, up to 4 hours after flash time. Traffic: Normal traffic may resume after 24 hours. Avoid heavy rolling loads for 72 hours. Wet mopping can be done after 1 week.

MIXING

No mixing is required, simply use directly from pail.

LIMITATIONS

- This product is for interior installations only.
- Do not use this product where excessive moisture and alkalinity exceed limitations stated above.
- Test all concrete slabs for moisture per AS 1884 to determine RH. For slabs exceeding 99% RH (90% RH for sheet vinyl) or the floor covering manufacturer's moisture vapour limit, treat with Bostik Ultraseal or Moisture Seal. Please refer to Ultraseal or Moisture Seal Data Sheets.
- Uni-Lock™ is not designed for use under oil-based linoleum.
- Do not use this product when the substrate temperature is below 18°C or above 30°C or when the relative humidity exceeds 65%.
- Do not use on wet, dusty, contaminated, or friable substrates;
- Do not use over substrates/slabs treated with sealers or curing compounds; do not use in areas subject to hydrostatic head.
- Resilient flooring is available in a wide range of variations with a number of different backings; it is critical that a test is done prior to actual installation using the adhesive and flooring material to confirm compatibility, application techniques, and/or proper performance of the adhesive.

COVERAGE

Ensure proper adhesive coverage. Most resilient flooring types require >95% transfer. Trowel sizes listed below are suggested to ensure proper bond while maximizing coverage of adhesive.

Trowel Recommendations

1.6mm to 2.0mm V-Notch trowel.
Coverage: 5-6 square metres per litre

CLEAN-UP

As you work, immediately clean any adhesive from resilient flooring using a clean, damp cloth. Immediately clean all tools and equipment before adhesive cures. Follow flooring manufacturer's recommendation for clean-up. Use of mineral spirits or other solvent may be needed to remove dried adhesive. Some flooring may not be compatible with solvents such as mineral spirits.

BOSTIK CO-OPERATIVE TEST PROGRAM

Bostik offer a service in which a program has been established to eliminate potential field problems by pretesting Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

STORAGE AND SHELF LIFE

The product should be stored in the original container in a cool, dry place and out of direct sunlight. Do not allow product to freeze. If the product should freeze, store at 24°C until completely thawed, then thoroughly mix contents. Test carefully to ensure the product performance has not been compromised.

Shelf life is one year from date of manufacturing in unopened, original packaging when stored at temperatures between 18°C and 35°C.

VOC:

23 g/L*

As calculated per SCAQMD Rule 1168

SAFETY PRECAUTIONS

See the Safety Data Sheet for additional information.
EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS)
SDS can be downloaded from www.bostik.com.au

voccertificates.australia@bostik.com

WARRANTY

Your purchase of this product is subject to Bostik's standard terms and conditions of sale. The representation and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price. All other warranties whether express or implied, including without limitation, any warranty of merchantability of fitness of purpose are expressly disclaimed unless prohibited by law or given in writing by Bostik for a specific project.

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.com/au for copies.

Uni-Lock™ is not classified as Dangerous Goods or as a Hazardous Substance. The product however, should be used in accordance with good occupational, health and safety practices. Do not swallow and avoid prolonged or repeated contact with the skin. If contact with the eyes occurs, wash eyes with copious quantities of water and consult a doctor if irritation persists.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.



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