



# LOCK A285 MP™

CONTRACTOR GRADE MULTI-PURPOSE ADHESIVE

## KEY FEATURES

- Economical formula
- Solvent free
- Strong bond strength

## DESCRIPTION

LOCK A285 MP™ is an economical, contractor-grade, multipurpose adhesive ideal for light traffic installations in offices, residential, and light commercial areas. LOCK A285 MP™ is a water-based adhesive suggested for use in occupied buildings as it is low in odor, contains no solvents, and is environmentally safe with no hazardous ingredients. LOCK A285 MP™ contains an antimicrobial system for enhanced resistance to mold and mildew.

## ULTIMATE VERSATILITY

LOCK A285 MP™ may be used for bonding carpet and mineral-fibrous-backed resilient sheet goods.

## MOISTURE & ALKALI RESISTANCE

LOCK A285 MP™ is resistant to moderate amounts of moisture vapor and alkaline conditions. Always measure the in situ RH of concrete slabs in accordance with ASTM F2170, and test the pH of the slab. LOCK A285 MP™ may be used on slabs with RH readings up to 85% and a pH between 8.0-9.0.

## LEED® CONTRIBUTION

LOCK A285 MP™ has a low-VOC formulation and may contribute toward LEED® credits under LEED® v4 Credits IEQ Credit 2.1 and IEQ Credit 2.2.

## DIRECTIONS FOR USE

Read and understand the data sheet completely before beginning installation. Follow the appropriate industry standards, including ASTM F710 Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring and CRI 104 for installations of broadloom carpet.

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 UltraFinish™ Pro, Webcrete® 95™ & Webcrete® 98™ cement patches, and/or Bostik SL-100™, SL-150™, SL-175™, or SL-200™ self-leveling underlayments. Refer to the use instructions of these products for proper installation.

**PLEASE NOTE:** LOCK A285 MP™ is not a moisture vapor barrier. Bostik D-250™ Moisture Vapor Barrier Coating or Slab-Cote™ Extreme Moisture Vapor 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.

## INSTALLATION

Spread LOCK A285 MP™ evenly with the proper trowel as described in Trowel Recommendations section. 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 65°F – 85°F (18°C – 30°C) continuously for 48 hours before and after installation.

Relative humidity must be maintained between 45-65%. Refer to the Trowel Recommendations section for suggestions specific to the type of floor covering you are installing. Always roll the flooring when the installation is finished to ensure complete contact with the adhesive. Follow manufacturer recommendations for rolling and/or cross-rolling the flooring during installation.

### OPEN TIME

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. Lay carpet into adhesive that is still wet enough to ensure 100% transfer to the carpet backing, and roll with a 75-100 lb. roller. When installing over a non-porous surface, let adhesive become tacky, usually 20-30 minutes.

### TRAFFIC

After 24 hours, light foot traffic may resume. Heavy traffic or rolling loads, including furniture placement, may occur after 72 hours. Additional time may be necessary if the installation is over a non-porous substrate. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

### CLEANUP AND STORAGE

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 cleanup. Mineral spirits or other solvent may be needed to remove dried adhesive. Some flooring may not be compatible with solvents such as mineral spirits. 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 75°F (25°C) until completely thawed, then thoroughly mix contents. Test carefully to ensure the product performance has not been compromised.

### 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 ASTM F2170 to determine RH. For slabs exceeding 85% RH, treat with Bostik's D-250™ or Slab-Cote™ Moisture Vapor Barrier Coating. Please refer to D-250™ or Slab-Cote™ data sheets.
- LOCK A285 MP™ is not designed for use with solid vinyl or vinyl foam backing.
- Do not use this product when the substrate temperature is below 65°F (18°C) or above 85°F (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.
- It is critical that a bond 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.

### PACKAGING

LOCK A285 MP™ is available in 4-gallon plastic pails (48 pails per pallet).

CHEMICAL & PHYSICAL PROPERTIES		
<b>Use Environments</b>	Offices/Light Commercial	Yes
	Residential	Yes
	Hospitality	No
	Heavy Commercial	No
	Hospital/Healthcare	No
	Exterior	No
	Wet Areas	No
<b>Substrates</b>	Concrete	Yes
	Plywood	Yes
	OSB Underlayment	Yes
	Well-Bonded Vinyl	Yes
	Terrazzo	Yes
	Prepared Metal	No
	Asphalt	No
<b>Flooring Types</b>	Carpet & Pad*	Yes
	Mineral-Fibrous-Backed Sheet Vinyl	Yes
	LVT or LVP	No
	VCT	No
	Rubber	No
	Cork	Yes
	Carpet Tiles	No
	PVC backings	No
	Linoleum	No
	Olefin-Backed Vinyl	No
	<b>Cured Physical Properties</b>	Time to Light Foot Traffic
Full Return to Service		72 hrs
Wet Cleaning Procedures		5 days
Rolling Loads Capacity		Moderate
Slab Moisture Limits		85% RH
pH Resistance		8.0-9.0
<b>Uncured Physical Properties</b>	Ease of Troweling	Very Easy
	Odor	Slight
	Required Flash Time	0-20 minutes
	Working Time	20-30 minutes
	Color	Tan
	Density (lbs/gallon)	9.3
	Freeze/Thaw	Do Not Freeze
<b>Chemical Properties</b>	Chemistry Type	Wet set
	Adhesive Type	Water based
	VOC**	13 g/L
	Plasticizer Resistant	N/A
	Solvent Free	Yes
	Flash Point	>212°F
	% Solids	55%

\* Carpet types include: ActionBac®, Jute back, Enhancer back, Urethane back, Latex Unitary back, Woven back, Axminster, and Needle-punched.  
 \*\* As calculated per SCAQMD Rule 1168

### COVERAGE

Ensure proper adhesive coverage and transfer. Trowel sizes listed are suggested to ensure proper bond while maximizing coverage of adhesive.

### SHELF LIFE

Shelf life is two years from date of manufacturing in unopened, original packaging when stored at temperatures between 65°F (18°C) and 95°F (35°C).

## TROWEL RECOMMENDATIONS

### Felt-back sheet goods:

1/16" x 1/16" x 1/16" SQ-Notch

Coverage: 13.5-20 square yards per gallon  
(3.0-4.4 square meters per liter)

### Most commercial backings:

1/8" x 1/8" x 1/16" V-Notch

Coverage: 8-10 square yards per gallon  
(1.8-2.2 square meters per liter)

### Rough-back carpets and rough substrates:

1/8" x 1/8" x 1/16" U-Notch

Coverage: 5-8 square yards per gallon  
(1.1-1.8 square meters per liter)

## CAUTION

MAY IRRITATE EYES, SKIN, AND RESPIRATORY TRACT. Do not get in eyes, on skin, or on clothing. Do not breathe fumes. Use with adequate ventilation. Wash thoroughly after handling. Store container in a cool, dry area with lid tightly sealed. Do not reuse container.

### KEEP OUT OF REACH OF CHILDREN

## FIRST AID TREATMENT

If in eyes or on skin, rinse with water for at least 15 minutes. If inhaled, remove to fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

### SEE SAFETY DATA SHEET

**CHEMICAL EMERGENCY:** 800-424-9300 (USA),  
703-527-3887 (International)

**MEDICAL EMERGENCY:** 866-767-5089

## LIMITED WARRANTY

Limited Warranty found at [www.bostik.com/us](http://www.bostik.com/us) or call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESSED OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK HOTLINE

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