



LOCK A485 MP™

MULTI-PURPOSE ADHESIVE

KEY FEATURES

- Durable final bond
- Perfect for commercial and residential pattern carpet
- Solvent-free

DESCRIPTION

LOCK A485 MP™ multi-purpose adhesive is designed for direct glue-down interior carpet installations, for bonding carpet to pad in double-stick systems. This adhesive is optimal for pattern carpet and can also be used with mineral or fibrous-backed resilient sheet goods. LOCK A485 MP™ quickly develops adhesive legging and forms a strong, durable bond with most commercial broadloom carpets. The adhesive remains tacky for an extended period of time, has little odor, and is environmentally friendly. LOCK A485 MP™ contains an antimicrobial system for enhanced resistance to mold and mildew.

ULTIMATE VERSATILITY

LOCK A485 MP™ may be used for bonding residential and commercial broadloom carpet and mineral or fibrous-backed resilient sheet goods over properly prepared surfaces.

MOISTURE & ALKALI RESISTANCE

LOCK A485 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 A485 MP™ may be used on slabs with RH readings up to 85% and a pH between 8.0-9.0.

LEED® CONTRIBUTION

LOCK A485 MP™ has a 0 VOC formulation (as calculated per SCAQMD Rule 1168), and may contribute toward LEED credits under LEED. v4 Credits: IEQ Credit 2.1 and IEQ Credit 2.2.

DIRECTIONS FOR USE

Follow floor-covering manufacturer's installation instructions and proper adhesive application rate and method. All substrate preparation and testing procedures must conform to appropriate ASTM F710 guidelines and comply with the floor-covering manufacturer's specification.

PLEASE NOTE: It is up to the end user to determine the coverage that is appropriate for flooring and jobsite conditions. Bond testing prior to the installation will help identify the appropriate



application rate, open and working time, and any potential bonding problems to the substrate or flooring. Due to the many additives being used in or on concrete slabs, it is critical that the bond test be performed.

Some treatments will repel any sealer or adhesive. IF USAGE INSTRUCTIONS ARE NOT COMPLETELY FOLLOWED, DO NOT USE THIS PRODUCT. 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™, and Webcrete® 98™ cement patches and/or Bostik SL-100™, SL-175™, SL-200™, or SL-Rapid™ self-leveling underlayments. Refer to the use instructions of these products for proper installation.

PLEASE NOTE: LOCK A485 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 A485 MP™ evenly with the proper trowel as described. 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 suggested trowel and flash time sections for suggestions specific to the type of floor covering you are installing. Always roll the flooring when the installation is complete. 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. While the adhesive is still wet, lay carpet and verify 100% transfer to the backing, and roll with a 75–100 lb. roller. When installing over a non-porous surface, let adhesive become tacky, usually 25–35 minutes.

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 A485 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.

CHEMICAL & PHYSICAL PROPERTIES

Use Environments	Offices/Light Commercial	Yes
	Residential	Yes
	Hospitality	Yes
	Hospital/Healthcare	Yes
	Heavy Commercial	Yes
	Exterior	No
	Wet Areas	No
Substrates	Concrete	Yes
	Plywood	Yes
	OSB Underlayment	Yes
	Well-Bonded Vinyl	Yes
	Terrazzo	Yes
	Prepared Metal	No
	Asphalt	No
Flooring Types	Carpet & Pad	Yes*
	Mineral or Fibrous-Backed Sheet Vinyl	Yes
	Cork	No
	Rubber	No
	LVT, LVP	No
	Carpet Tiles	No
	PVC Backings	No
	Linoleum	No
	VCT	No
	Cured Physical Properties	Time to Light Foot Traffic
Full Return to Service		72 hrs
Wet Cleaning Procedures		5 days
Rolling Loads Capacity		Heavy
Slab Moisture Limits		85% RH
pH Resistance		8.0–9.0 pH
Uncured Physical Properties	Ease of Troweling	Easy
	Odor	Slight
	Required Flash Time	0–15 minutes
	Working Time	15–25 minutes
	Color	Tan
	Density (lbs/gallon)	9.5
Chemical Properties	Freeze/Thaw	Do Not Freeze
	Chemistry Type	Latex
	Adhesive Type	Wet-Set
	VOC	0 g/L**
	Solvent Free?	Yes
	Flash Point	>212°F (100°C)
Percent Solids	65%	

* Carpet types include: ActionBac®, Urethane back, and Latex Unitary back.

** As calculated per SCAQMD Rule 116B

PACKAGING

LOCK A485 MP™ is available in 4-gallon plastic pails (48 pails per pallet).

COVERAGE

Ensure proper adhesive coverage. Listed trowel sizes 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" Square-Notch
Coverage: 17-20 square yards per gallon
(3.8-4.4 square meters per liter)
- **Smooth back carpets:** 3/32" x 3/32" x 3/32" V-Notch
Coverage: 10-15 square yards per gallon
(2.2-3.3 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

IRRITANT. MAY IRRITATE EYES, SKIN, AND RESPIRATORY TRACT. MAY BE HARMFUL IF SWALLOWED OR INHALED. Do not breathe fumes. Do not get in eyes, on skin, or on clothing. Do not swallow. Use only in a well-ventilated area or wear mask. 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, move person into 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 or call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS 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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