



## SUSTAINA 99 - Sustaina-backed Carpet Tile Adhesive

Atlas I Masland Contract Sustaina 99 Carpet Tile Adhesive is a high-strength, high-tack adhesive for installing Atlas I Masland Contract Sustaina Carpet Tiles over porous substrates. Sustaina 99 offers extended open time, fast dry time and ease of application. This unique adhesive has outstanding water resistance and tenacious bond strength for demanding installations such as hospitals, schools, nursing homes, hospitality, and food preparation centers. The low odor is ideal for occupied buildings and work place applications.

**CRITICAL!!! READ THE SUBSTRATE PREP DOCUMENT BEFORE YOU USE THIS PRODUCT.**

**BEFORE YOU BEGIN:**

Important: Proper substrate preparation is essential. Moisture testing must be performed and documented before installation begins. Read Technical Bulletin titled Substrate Preparation before beginning installation.

**USAGE:**

The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65°–85°F, and the humidity between 45-65% for 48 hours prior to, during, and continuously after the installation.

Asphalt-based or cutback adhesive stains must be removed completely. Always roll the installation in both directions with a 75 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

**INSTALLATION:**

When installing Atlas I Masland Contract Sustaina Backed Carpet Tiles over a porous substrate and non-porous substrates; the adhesive should be allowed to dry to the touch sufficient to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive.

**PLEASE NOTE:** Due to the many additives being used in or on concrete slabs, it is critical that a bond test be performed. Some treatments will repel any sealer or adhesive. If usage instructions are not completely followed, **DO NOT USE THIS PRODUCT.**

**ADHESIVE WORKING TIME:**

Up to 4 hours after drying.

**TRAFFIC:**

Follow Atlas I Masland Contract's installation guidelines; otherwise immediate occupation and use is permitted in dried adhesive installations. Allow at least five days following the installation before conducting wet cleaning procedures or initial maintenance.

**CLEAN UP:**

Use a clean wet cloth to clean up adhesive while still wet. Dried adhesive may require the use of an appropriate solvent.

**CONCRETE SUBSTRATE CONDITIONS:**

Installations of Sustaina Carpet tiles on or above grade over bare concrete substrates with up to 99% in-situ RH (per ASTM F2170), and a pH of 12.0.

For all other non-Sustaina carpet tiles 90% RH installed on or above grade (per current ASTM F2170), and pH of 8.0–10.0.

**USE OVER:**

Above or on grade bare concrete in the absence of hydrostatic moisture/pressure

**LIMITATIONS:**

- Not for outdoor use
- Not for below grade installations
- Shelf life 2 years from date of manufacture, in unopened container. Store indoors at a temperature between 65-95°F.
- Cannot be used over substrates which have been chemically cleaned
- A bond test **MUST** be performed
- Not for use with PVC backed carpet tile
- Do not allow product to freeze

**RECOMMENDED COVERAGE: TROWEL & ROLLER:**

For most installations use a 3/8" short nap paint roller; be sure the roller is saturated with adhesive when applying to the substrate. Coverage will be up to 300-325 sq. feet per gallon.

For overly porous substrates, use a 1/16"x1/32"x1/32"

U-Notch trowel (width, depth, spacing)

Coverage will be up to 220-260 sq. feet per gallon.

**Shelf Life:** 2 years from date of manufacture in unopened, properly stored container. Avoid excessive heat or cold. Protect from freezing. Store indoors at a temperature of 65°-95°F.  
**DOT Hazard Class:** Not regulated.

**LEED v4 PROGRAM CREDITS**

(where applicable)

- IEQ Credit 2.1, 2.2: Low Emitting Materials
- Compliant with CA Section 01350
- VOC content is below that established by California SCAQMD Rule 1168.

**DISCLAIMER:**

This adhesive is not a moisture barrier and should not be installed/treated as such. This adhesive is not a substrate sealer and does not form a protective barrier, and is only warranted to maintain adhesive bond when used over concrete substrates within the specified restrictions on in-situ Relative Humidity (per ASTM F2170), and pH readings. A functional working moisture barrier/retarder must be in place to use this product. Always follow Atlas I Masland Contract's guidelines for flooring moisture limitations. Not for use with moisture sensitive flooring. Users should determine the suitability of this information or product for their own particular purpose or application. Manufacturer is not responsible for the misuse of this product. This Technical Data sheet and the information conveyed herein supersede all previous versions.

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