

900

GENERAL PURPOSE LATEX ADHESIVE

ESSENTIALS LINE



TECHNICAL DATA SHEET

January 2023
Version 1.1

RESIDENTIAL

MULTI-FAMILY

LIGHT COMMERCIAL

HEAVY COMMERCIAL

DESCRIPTION

900 is designed for the interior installation of direct glue-down, breathable, non-vinyl-backed carpet. This easy-to-spread, synthetic latex and hydrocarbon resin blend adhesive has strong wet-tack and a water-resistant bond.

APPROVED FLOORING TYPES

CARPET: Broadloom (Action-Bac, jute-back) **RESILIENT:** Sheet (felt-backed)

APPROVED SUBSTRATES & SURFACES

- APA underlayment grade plywood and OSB
- Association grade particleboard
- Cement backer board
- Cementitious and anhydrite screeds
- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Existing well-bonded non-cushion-backed vinyl, tile, and sheet flooring
- Gypsum and lightweight concrete (primed with TAYLOR 2025 or Zephyr)
- Terrazzo (properly prepared with all waxes and surface finishes removed)

SUBSTRATE TESTING

RH - 75% [ASTM F2170]

pH - 5-9

MVER - 5 lbs [ASTM F1869]

POROSITY - CSP 1+, must pass [ASTM F3191]

SUBSTRATE AND SURFACE PREPARATION

Follow flooring manufacturer's guidelines for allowable levels of moisture. Substrate must be prepared per ASTM F710 standards including, but not limited to:

- Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, residual adhesive, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds.
- Fill all surface cracks, grooves, depressions, control joints and non-moving joints with Portland based patching and self-leveling compounds, allow to fully cure and correct high spots before applying adhesive.
- The substrate, adhesive and flooring must be acclimated in an enclosed building with the HVAC operational between 60-95°F, and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.
- When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and after installation. Failure to turn the heat off may result in shortened working time of the adhesive. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85°F.

PRECAUTIONARY NOTES

- Concrete must be placed in strict accordance with applicable standards and specifications. An intact moisture vapor retarder must be present below the concrete (see ASTM E1745), must be fully cured (at least 45 days) and without hydrostatic pressure.
- Flooring must be acclimated per manufacturer's guidelines.

TAYLOR TECHNICAL SERVICES

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APPLICATION INSTRUCTIONS

Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation.



1. Spread adhesive using required tools.
 - Wait 20-30 min after adhesive is spread to allow it to firm up.
 - Working time ~1-2 hours under acceptable temperature and humidity conditions.
 - Periodically lift flooring material to verify proper transfer of adhesive.
2. Seal seams per flooring manufacturer's instructions.
3. Work out any trapped air pockets by starting from the center and rolling toward the perimeter while adhesive is still soft.

PRECAUTIONARY NOTE

- Reseal lid when not in use.

REQUIRED TOOLS AND COVERAGE

*Trowel dimensions are width X depth X spacing. Coverage is approximate and may vary depending on porosity of substrate and the angle at which the trowel is held.

| FLOORING TYPES | TOOL* (IMAGES NOT TO SCALE) | ESTIMATED COVERAGE |
|--|--|------------------------------|
| BOND ONLY | | |
| RESILIENT: Sheet (felt-backed [porous]) | 1/16" x 1/16" x 1/16" Sq Notch  | 150-180 ft ² /gal |
| CARPET: Broadloom (Action-Bac, jute-back) | 1/8" x 1/8" x 1/16" V Notch  | 90-120 ft ² /gal |

*It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the correct amount of adhesive for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

CLEANING INSTRUCTIONS

While product is still wet: Use a dry cloth immediately to remove any excess adhesive from the surface of the wood.

While product is still soft: Use a remover/stripper, denatured alcohol or mineral spirits. Always check compatibility on a piece of scrap flooring.

STORAGE

This product should be stored at temperatures between 50-90°F (15-32°C). While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 10°F (-12°C).

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION

For warranty information, call Technical Services at **706-712-5823**, visit us on the web at **www.tayloradhesives.com** or e-mail us at **tech@tayloradhesives.com**. Flooring manufacturer's and TAYLOR's written pre-installation and installation instructions must be strictly followed or the TAYLOR warranty will be void.

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| 900 PRODUCT INFORMATION | | |
|-------------------------|---|---|
| PRODUCT CHARACTERISTICS | Product Classification | General Purpose Latex Adhesive |
| | Base Chemistry | Synthetic Latex & Hydrocarbon Resin Blend |
| | Curing Method | Evaporation |
| | Appearance/Color | Beige/tan |
| | Odor | Extremely Low |
| | Consistency | Smooth, easy-to-spread |
| | Application | Easy troweling |
| | Flammability | Non-flammable |
| | Freeze/Thaw | Stable to 10°F (-12°C) [3 cycles] |
| | Shelf Life [Unopened Container at 70°F] | 2 years |
| TESTING | Moisture Control | No |
| | RH [ASTM F2170] | 75% |
| | pH | 5-9 |
| | MVER [ASTM F1869] | 5 lbs |
| | Porosity [ASTM F3191] | N/A |
| TIME | Open Time | 20-30 min |
| | Flash Time | N/A |
| | Working Time | 15-120 min |
| | Cure Time | 48 hrs |
| | Pot Life | N/A |
| TRAFFIC | Light Traffic | 12 hrs |
| | Heavy Traffic | 24 hrs |
| | Heavy Rolling Loads | N/A |
| ACOUSTICS* | STC | N/A |
| | IIC | N/A |
| | Delta IIC | N/A |
| SUSTAINABILITY | Solvents | No |
| | Isocyanates | No |
| | VOC Wet Applied [g/L] [SCAQMD Rule #1168] | < 13 g/L |
| | Bio-Based Content | Yes |
| | Post-Consumer Recycled Content | No |
| | Mineral Abundant Content | Yes |
| | LEED v4/4.1 Points | Contributes to low emitting materials |
| | Certifications | Greenguard®, Green Label Plus® |
| Transparency | USGBC Member | |
| WARRANTY** | Duration (non CFI Certified) | 5-Year Performance Warranty |
| | Duration (CFI Certified) | Lifetime Performance Warranty |
| | Coverage | Bond |

*IIC (delta) and STC (delta) ranges are flooring assembly specific based on third party testing and verification in a controlled environment. For any questions or further information, please contact TAYLOR Technical at 706-712-5823.

**For warranty information, view Product Warranty Certificate.