



## Features & Benefits

99% RH Moisture Limits

Very Low Odor Solvent Free, "Zero" Calculated VOC

Extremely Tenacious Tack, High Shear & Peel Strength

Non-Staining Formula

Antimicrobial Protection

Immediate Occupancy

Made in the USA



# Mohawk M99

## Technical Data Sheet (TDS)

### Resilient Flooring Adhesive for Commercial Sheet, LVT, HVT & ERT

Mohawk M99 is a high-strength, high-tack adhesive for installing multiple types of dimensionally stable floor coverings such as vinyl tiles & plank, rubber stair treads, vinyl sheet, and non-vinyl enhanced resilient tile flooring over porous and non-porous substrates. Mohawk M99 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.

#### BEFORE YOU BEGIN

**IMPORTANT:** Proper substrate preparation is essential. Moisture testing must be performed and documented before installation begins. 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.

#### INSTALLATION

##### Porous Substrates:

- Vinyl sheet flooring may be placed into adhesive after 10-20 minutes open time (flash-off) over a porous substrate.
- When installing vinyl and non-vinyl plank and tile over a porous substrate, 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.
- Always roll the installation in both directions with a 75 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

##### Non-Porous Substrates:

- Flooring should be placed into adhesive after it has dried to the touch with little or no transfer to the fingers. This will normally require 30-45 minutes of drying time at suggested installation temperature and humidity.
- Flooring should not be placed into wet adhesive.
- Always roll the installation in both directions with a 75 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

##### Rubber Stair Treads:

- Read Technical Bulletin titled Stair Tread and Riser Installation Instructions for complete instructions and limitations. This document may be obtained by calling Mohawk Technical Services at 800-833-6954.

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

#### CONCRETE SUBSTRATE CONDITIONS

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

#### USE OVER

Above or on grade porous concrete and non-porous concrete in the absence of hydrostatic moisture/pressure. Concrete substrates must be protected from moisture penetration with a proven moisture vapor retarder per ASTM E1745.

#### RECOMMENDED COVERAGE AND TROWEL

1/16" x 1/32" x 1/32" U-Notch (width, depth, spacing) for all installations. Coverage will be up to 220-260 sq. feet per gallon.

#### ADHESIVE WORKING TIME

Up to 4 hours after drying.

#### TRAFFIC

Immediate traffic when installed in the adhesive dry to the touch. Immediate cleaning is allowed with seamless flooring. For all other applications allow 24 hours for light damp mopping and 72 hours for wet cleaning.

#### CLEAN UP

Use a clean wet cloth to clean up adhesive while still wet. Dried adhesive may require the use of mineral spirits.

#### LIMITATIONS

Not for outdoor use. Not for below grade installations. Shelf life 1 year from date of manufacturer, in an unopened container. Store indoors at a temperature of 65-95°F. Cannot be used over substrates which have been chemically cleaned. A bond test MUST be performed. Do not allow product to freeze.

#### PRECAUTIONARY STATEMENTS

In case of eye contact, flush with water for 10-15 minutes. If irritation persists contact a physician. If prolonged skin contact causes



irritation, wash with soap and water. If swallowed, consult a physician. Avoid release to the environment. Safety glasses and gloves are recommended if contact is expected. Dispose of in accordance with local, regional, national, international regulations as specified. Read SDS for detailed product information. SDS may be obtained by calling Mohawk Technical Services at 800.833.6954.

#### **SHELF LIFE**

1 year 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. LEED v4 PROGRAM CREDITS (where applicable).

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