



# Mohawk M700 Plus

## Technical Data Sheet (TDS)

### Flooring Adhesive for Commercial LVT, Sheet Vinyl, & Carpet Tile

Mohawk M700 Plus is a pressure sensitive, high-strength, high-tack adhesive for installing multiple types of dimensionally stable floor coverings such as vinyl tiles & plank, solid vinyl tile, PVC and non-PVC-backed carpet tiles, and vinyl sheet flooring, over porous and non-porous substrates. Mohawk M700 Plus 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.

#### Features & Benefits

99% RH Moisture Limits on selected backings

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

#### CRITICAL!!! READ THE ENTIRE LABEL BEFORE YOU USE THIS PRODUCT.

#### BEFORE YOU BEGIN

**IMPORTANT:** Proper substrate preparation is essential. Moisture testing must be performed and documented before installation begins. See our installation guide specific to the product being installed for proper substrate preparation. This document may be obtained by calling Mohawk Technical Services at 888-387-9881.

#### 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 30-65% for 48 hours prior to, during, and continuously after the installation. Asphalt-based or cutback adhesive stains must be removed completely or Mohawk's OptiSeal can be used to encapsulate cutback residue. Follow OptiSeal TDS for appropriate application for cutback residue. 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

##### Porous and Non-Porous Substrates:

Vinyl and non-vinyl sheet flooring may be placed into adhesive after 10–20 minutes open time (flash-off) over a porous substrate, and 20–30 minutes open time over a nonporous substrate.

- When installing vinyl and non-vinyl plank and tile over a porous and non-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. 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

Approved for **bond only** on above or on grade bare concrete substrates in the absence of hydrostatic moisture/pressure with limits of:

#### CARPET TILE:

- Ultraset NXT AIR - Up to 99% in situ RH (per ASTM F2170) and a pH of 12.0.
- Ultraset Matrix and NXT - Up to 95% in situ RH (per ASTM F2170) and a pH of 5.0–10.0.

#### LVT:

- Up to 95% in situ RH (per ASTM F2170) and a pH of 5.0–10.0.

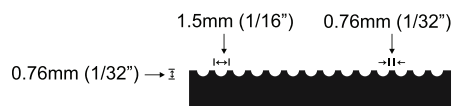
#### VINYL AND NON-VINYL SHEET FLOORING:

- Up to 90% in-situ RH (per ASTM F2170) and a pH of 8.0–10.0

#### USE OVER

Above or on grade bare concrete in the absence of hydrostatic moisture/pressure with a working intact class B vapor barrier.

#### RECOMMENDED COVERAGE FOR TROWEL AND ROLLER



Vinyl tile and planks and non-PVC carpet tile and breathable carpet: 1/16" x 1/32" x 1/32" U-Notch (width, depth, spacing) for all installations. Coverage will be up to 100 - 120 yards per 4 gallon pail:

3/8" short nap paint roller for carpet tiles. Coverage will be up to 140 - 160 yards per 4 gallon pail.

#### ADHESIVE WORKING TIME

Up to 6 to 8 hours after drying dependent upon temperature and RH.

#### TRAFFIC

Heavy traffic, rolling loads, or furniture replacement is permitted 72 hours after installation. 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, such as Denatured Alcohol or Mineral Spirits.

**PLEASE NOTE:** Spot testing with the listed appropriate solvents must be performed before clean up can begin.

**FOR PROFESSIONAL USE ONLY NOT LABELED  
FOR CONSUMER USE KEEP OUT OF REACH OF  
CHILDREN**

Avoid excessive heat or cold. Protect from freezing. Store indoors at a temperature of 65°-95°F.

#### **LIMITATIONS**

Not for outdoor use. Not for below grade installations. Cannot be used over substrates which have been chemically cleaned. For further information, please contact Mohawk Technical Services. Do not allow product to freeze.

**READ TECHNICAL DATA SHEET FOR DETAILED INSTRUCTIONS AND CONDITIONS EXCLUDED AND NOT WARRANTED.**

#### **DISCLAIMER**

Users should determine the suitability of this information or product for their own particular purpose or application. This adhesive does not protect floor coverings from the effects of pH and moisture. This adhesive is not a **MOISTURE BARRIER**; a working/functional intact moisture barrier must be in place to use this adhesive. Please follow Mohawk's installation instructions, paying special attention to moisture and pH limitations. Mohawk is not responsible for the misuse of this product. This Technical Data sheet and the information conveyed herein supersede all previous versions.

#### **LEED V4 PROGRAM CREDITS (IF CERTIFIED)**

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

#### **FIRST AID MEASURES**

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do not rub affected area. If eye irritation persists: Get medical advice/attention. Skin contact: Wash off immediately with plenty of water for at least 15 minutes. In the case of skin irritation or allergic reactions see a physician. Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

#### **DISPOSAL**

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 888-387-9881.

#### **SHELF LIFE**

2 years from date of manufacture in unopened, properly stored container.