M92X
Technical Data Sheet (TDS)
Modified Moisture-Cured Urethane Adhesive for Mohawk Engineered Flooring

A moisture-curing modified urethane adhesive for installation of glue-down engineered wood flooring for indoor Residential/Commercial applications over Concrete and Plywood.

BEFORE YOU BEGIN
Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. Any claim shall be deemed waived unless made in writing to us within fifteen (15) days from date it was, or reasonably should have been discovered. This product should be stored at temperatures between 50° and 90° F (15°- 32° C). Storage conditions outside this range may cause product viscosity to increase.

USAGE
■ For installing all sizes of glue-down engineered wood flooring

INSTALLATION
1. Follow wood flooring manufacturer’s guidelines for layout, design and any special precautions for installation.

2. Spread adhesive using recommended trowel (see trowel recommendation chart). Install wood flooring immediately after adhesive is spread. Working time is approximately 50-70 minutes under acceptable temperature & humidity conditions. Adhesive must transfer 100% to the wood floor.

NOTE: Engineered wood and exotic species are very sensitive to job site conditions. Installation instructions, including acclimation of the wood flooring, must be strictly followed or the warranty will be void.

3. Lay wood flooring into adhesive. Wood may slip and move at first so be sure to secure the initial row to limit movement and hold patterns. Occasionally lift a piece of wood to assure adhesive is achieving 100% transfer. If proper transfer is not achieved remove dried adhesive and apply more using recommended trowel.

4. When installing near a solid object or wall, leave ample room for expansion (see flooring manufacturer’s recommended expansion guidelines). Installing wood too tight against a stationary object will not allow room for normal wood expansion, which may cause a failure. When the installation is complete, use wedges or some object to hold wood in place while adhesive dries. Remove wedges after initial setting of adhesive (approximately 2 hours) to allow for normal expansion of wood. Failure to remove wedges can cause the wood flooring to buckle and pop off the substrate.

5. Roll and cross roll floor with a 100-150 lbs (45-70 kg) roller at the end of the installation to ensure proper transfer of adhesive.

6. When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and 24 hours after installation. Failure to turn the heat off may result in shortened working time of the adhesive. Floor temperature must not exceed 85°F (30°C).

7. Restrict light traffic for a minimum of 16 hours. Restrict heavy traffic for a minimum of 24 hours after installation is complete.

8. While this adhesive is freeze-thaw stable it is necessary to protect it from freezing.

CONCRETE SUBSTRATE CONDITIONS
All substrates must be structurally sound, dry, solid, stable, level and flat. The substrate should be clean and free of dust, dirt, oil, grease, paint, curing compounds, concrete sealers, loosely bonded toppings, old adhesive residues (including black cutback adhesive residue) and any other substance that may prevent or reduce adhesion. If the substrate contains these substances, they must be mechanically removed. Note: Refer to flooring manufacturer regarding acceptable substrates and underlayments.

USE OVER
■ Fully cured, dry concrete
■ Approved wood underlayments such as APA exterior-grade plywood
Cement-based patch, skimcoat and leveling products installed over concrete and approved wood underlayments

- Existing, properly prepared and firmly bonded: ceramic tile and cement terrazzo
- Radiant-heat systems (properly installed)

**RECOMMENDED COVERAGE AND TROWEL**

For engineered flooring greater than 9/16" thick
- For Wide/Long Plank
- Estimated coverage: up to 20 sq. ft./gal
- ½” x 15/32” v notch

1/2” x 15/32” V-Notch (12.7mm x 11.9mm V-Notch)

For engineered flooring up to 9/16” thick
- For Wide/Long Plank
- Estimated coverage: up to 30 sq. ft./gal
- ¼” x ¼” v notch

1/4” x 1/4” V-Notch (6.35mm x 6.35mm V-Notch)

For engineered flooring
- Estimated coverage: 50-60 sq ft/gal
- 3/16” x ¼” x 5/16” v notch

3/16” x 1/4” x 5/16” V-Notch (4.8mm x 6.4mm x 7.9 V-Notch)

**ADHESIVE WORKING TIME**

Approximately 60 minutes, depending on job site conditions.

**CLEAN UP**

Clean up with Adhesive Remover/Stripper.

**LIMITATIONS**

- For interior use only
- If Concrete MVER (moisture vapor emissions rate) exceeds 10 lbs greater or 90% then a high moisture resistant adhesive must be used
- If Concrete MVER (moisture vapor emissions rate) exceeds 10 lbs. and 90% RH, then a moisture mitigation system must be used.
- Do not use M92X as a surface preparation product.
- Do not use M92X to install any wood flooring that the manufacturer does not recommend for gluing down.
- Do not apply over self-stick tile, sheet vinyl, old adhesives, metal, linoleum, laminate, particleboard or stripwood subfloors.
- Air temperature must be between 50°F and 100°F (10°C and 38°C).

**PRECAUTIONARY STATEMENTS**

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately.

KEEP OUT OF REACH OF CHILDREN.

**SHELF LIFE**

One year in unopened container at 70°F (21.10°C)
Waterproof when cured, non-flammable. Freeze/thaw stable at 10°F (-12.22°C)

**EMERGENCY**

24-Hour Emergency in the USA: Chemtrec 1-800-424-9300