



u rule the floor

UFLOOR INC. SYSTEMS

STP WOOD FLOORING ADHESIVE

UZIN MK 200

Solvent and water-free, flexible STP hybrid-adhesive for wood flooring

Description:

UZIN MK 200 is a 1-component moisture cured STP (Silane Terminated Prepolymer) hybrid adhesive that combines the powerful flexibility of a PU (Polyurethane) adhesive with the advantages of modern MS (Modified Silane) technology. With an extremely hard yet flexible ridge, this unique product develops high bond strength yet dissipates shear forces and reduces their damaging effect to the substrate.

UZIN MK 200 STP hybrid technology provides the "Best of both Worlds" in wood flooring adhesives. Three essential points characterize this product:

- 1. Hard yet flexible ridging produces superior bond strength and low shear stress.
2. Develops very fast, high-suction grab while still providing good working time.
3. Smooth consistency provides excellent spreadability.

Recommended for the installation of/for:

- Prefinished and unfinished engineered wood flooring
Solid tongue and groove strip and plank
Exotic species, smoked oak
Wood flooring on radiant heat systems
Wood flooring on most subfloors with adequate strength such as concrete, fortified gypcrete, plywood, OSB and all UZIN insulating underlayment

Composition: Silane Terminated Prepolymer.

Features

- 1-component
Tuned flexibility
Fast, high suction grab
Excellent ridge formation and stability
Smooth, buttery consistency

Benefits

- No mixing required
Delivers exceptional bond strength and low shear stress
Promotes fast, aggressive, wet lay wood floor installations
Promotes easy piece setting and positioning
Easy, effortless troweling



- Universal range of uses
Will not bond to or etch finish
Suitable for most sound
Solvent and water-free
EMICODE EC 1 R PLUS
Excellent for solids, engineered, unfinished, factory finished and most species of wood flooring
Adhesive residues can be easily removed
Bonds well to concrete, fortified substrates gypcrete, plywood, OSB, and properly prepared leveling and patching compounds
No swelling effect on wood
Very low emission PLUS

Technical Data:

Table with 2 columns: Property and Value. Includes Packaging (2.6 gal. metal pail), Stability (Min. 9 months), Color (Beige), Coverage Rate (65 sq. ft per Gal/170 sq. ft. per pail), Working temperature (Min. 60 - 85 °F), Working time (Approx 30 to 40 minutes*), Load bearing (After approx. 24 hours*), Sanding/Finishing (After approx. 48 hours*), Final strength (After 5 - 7 days*), Freeze/thaw stable (0 °F and above), VOC content (VOC does not exceed 40 grams per liter).

*At 70 °F and 65% rel. humidity.

1-component moisture-cured STP adhesive



Substrate Preparation:

The substrate must be flat and level, sound, free from cracks, dry, clean and free from materials which would impair adhesion (dirt, oil, grease, curing agents and sweeping compounds). Thoroughly brush, abrade, grind or shot-blast to remove weakly-bonded or soft surface areas. Thoroughly vacuum off any loose material or dust. Prime absorbent, porous surfaces with 1-component PU Rapid Primer UZIN PE 414 Turbo. Refer to the UZIN PE 414 Turbo product data sheet for procedures regarding substrate moisture mitigation. (UZIN PE 414 Turbo should be allowed to dry for a minimum of 2 hours before applying adhesive). On substrates that conform to standards and are suitable for wood floor installation, the use of a primer is not necessary. All substrates should be tested for moisture content and moisture vapor emission levels before applying adhesive. Refer to NWFA substrate moisture testing procedures and applicable ASTM slab moisture testing standards.

For wood or concrete substrates that do not meet industry standards for flatness or level please refer to UFLOOR Systems UZIN primer and leveling product data sheets. For priming very uneven or rough surfaces we recommend using universal primer UZIN PE 260 (depending on substrate porosity) and apply leveling compound UZIN NC 174 to min. 1/8" thickness to achieve improved surface levels according to manufacturer's requirements.

Application:

1. Allow the contents of the containers to come to room temperature before use. After opening, peel the film cover from the surface and, if necessary, remove any surface skin that has formed. Do not mix in the skinned-over product.
2. Apply the adhesive evenly onto the subfloor using an UZIN ErgoStar B11 notched trowel or equivalent. Only apply as much adhesive as can be covered within 30 to 40 minutes. Lay the wood flooring pieces into the adhesive bed with a light twisting motion and press or tap into place. Ensure full adhesive transfer to the underside of the wood flooring.
3. Using spacers, allow a gap of approx. 3/4" between the wood flooring and walls (depending on wood species, flooring type and specific manufacturer's recommendations). Remove the spacers immediately after installation.

Note: UZIN MK 200 normally releases easily from finished wood surfaces. It is still good practice to remove adhesive contamination immediately. UZIN Clean Box adhesive remover makes removal even easier and leaves no residue to blemish the finish surface.

Spread Rate:

Type of wood flooring	Notch Size	Spread Rate
Mosaic/parquet wood or smooth-back engineered	B3	65-70 sq. ft. per Gal
3/4" strip or plank	B11	65-75 sq. ft. per Gal
Prefinished or unfinished engineered (relief back)	B11	65-70 sq. ft./Gal

Important Notes:

- ▶ Shelf life minimum 9 months in original packaging when stored in cool, dry conditions. Protect from frost. In opened containers, fully cover the adhesive with the film and use as quickly as possible.
- ▶ Optimum working conditions are 65 –80 °F/18 –25 °C, 65% relative humidity. By compliance with job site standards for wood flooring moisture content, relative humidity and adequate acclimatization of the wood flooring the floor can be sanded and finished after 48 hours.

PRECAUTIONS:

CAUTION: Solvent-free wood flooring adhesive containing methoxysilane. Non flammable. Avoid contact with skin and eyes. When curing this product produces traces of methanol. Provide good ventilation during use. Use protective gloves and safetygoggles.

FIRST AID: After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, flush immediately with large amounts of water, for at least 15 minutes and obtain medical treatment. If swallowed, obtain medical treatment immediately.

Observe safety information on product label as well as material safety data sheet (MSDS). Once cured, has a neutral odor and presents no physiological or ecological risk. EMICODE EC 1 R PLUS – very low emission PLUS.

DOT UN-Number: Not regulated

Hazard Class/PG: Not regulated

Disposal:

Disposal should be in accordance with local, state federal regulations. Empty metal containers are recyclable.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous Product Information.

