

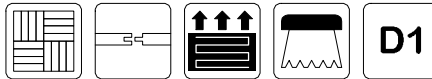


Eco-Mastic M2A-900

PVAc-Dispersion based wood floor adhesive
Contains no solvents, no VOC

Special Features:

- ◆ certified as “very low emission”
- ◆ superior user and environmental protection
- ◆ reduced dimensional changes in wood flooring



Product Benefits

General features:

- certified as “very low emission”
- PVAc-dispersion quality for professionals
- contains no solvents and no VOC
- nonflammable, ozone friendly
- high solids content

Installation features:

- no flash time required
- superior green grab
- non-slump formula
- bridges minor sub floor variations
- long open time, low odor

Long term features:

- remains elastic
- superior bond strength
- resistant against aging
- suitable for radiant heat systems

Products Suitability

Suitable for installation of:

- 5/16” solid mosaic parquet (unfinished)
- 3/4” solid shorts
- 3/8” engineered wood flooring (3” width max.)
- 1/2” engineered wood flooring (3” width max.)
- 3/4” engineered wood flooring (3” width max.)

On following Sub Floors

- concrete
- exterior-grade plywood
- particle or chip board (underlayment grade)
- OSB (underlayment grade)
- cured STAUF leveling compounds
- radiant-heated sub floors

Product Description

STAUF M2A-900 is a pure water based, high-strength adhesive for professional wood flooring installation. It does not contain any solvents or other hazardous materials. It is therefore ozone and environmentally safe and certified as “very low emission”.

M2A-900 spreads easily, has a non-slump formula to allow the ridges to bridge minor gaps between wood flooring and sub floor. It allows fast installation even with complicated patterns due to its strong green grab. There is no flash time required, so installation can start right away. The lower water content will cause reduced dimensional changes in wood flooring.

M2A-900 was designed to keep the wood in place yet allows for the natural movement over the lifetime of the wood flooring.

Installation Procedure

Sub Floor Examination:

Prior to proceeding, the sub floor must be checked according to NWFA and NOFMA installation guidelines. It must be solid and sound, flat, permanently dry, clean, free of chaps, indentations and antiadherents as well as resistant to pressure and tension. MOISTURE CONTENT OF CONCRETE SUB FLOORS MUST BE MEASURED BEFORE INSTALLATION. MOISTURE CONTENT MUST BE BELOW 3#/24HRS./1,000 SQ.FT. USING THE CALCIUM CHLORIDE TEST.




Sub Floor Preparation:

Depending on type and condition of sub floor, a **mechanical treatment** (e.g. mechanical brushing, grinding or sanding) is required. Intensity of such work needs to be determined at site. **Dust**, paint, residual adhesives or other surface pollution must be removed by suitable means. We recommend to clean the surface with an industrial **vacuum cleaner**. Cracks and **gaps** must be **filled** with concrete crack filler CCF-30 and floor brackets. To improve the adhesion of dispersion based adhesives the sub floor should be primed with a suitable primer. A primer is generally required on floors with **sub floor heating systems**. If required, evenness and absorption ability of the sub floor must be generated by leveling with STAUF **leveling compound FLC-500**. Please refer to our technical information on sub floor preparation.

Suitable Primers:

- ◆ Eco-Prime AQP-200
- Please refer to our technical data sheets on primers!



	Eco-Mastic M2A-900
<p style="text-align: center;"><u>Coverage/Trowel size</u></p> <p>⁵/₁₆" solid mosaic parquet (unfinished) STAUF notched trowel No. 3:</p>  <p>space depth ⁵/₃₂" , width ¹/₈" , arc width ³/₁₆" approx. 70 sq. ft. / gallon</p> <p>³/₄" solid shorts STAUF notched trowel No. 4:</p>  <p>space depth ¹/₄" , width ⁷/₃₂" , arc width ⁹/₃₂" approx. 50 sq. ft. / gallon</p> <p>³/₈" – ³/₄" engineered flooring (3" width max.) STAUF notched trowel No. 5:</p>  <p>space depth ³/₁₆" , width ¹/₄" , arc width ³/₈" approx. 60 sq. ft. / gallon</p> <p>Color: beige</p> <p>Open time: approx. 15 – 20 min. at 70 °F</p> <p>Room climate at work site Temperature: 60 – 100 °F Relative humidity: 40 – 80 %</p> <p>Cure time: 24 hours until light traffic 48 hours until regular traffic 7 – 10 days until sanding</p> <p>VOC content: none</p> <p>Flash point: none</p> <p>Weight: 11.61 lbs. per gallon</p> <p>Freeze/thaw stability: is strongly effected by freezing</p> <p>Packaging: 4 gal. plastic pail (36 per pallet) 1 gal. plastic pail (125 per pallet)</p> <p>Transport: protected from frost</p> <p>Storage: dry and protected from frost</p> <p>Shelf life: Approx. 12 months</p> <p>NFPA-ratings: Health = 0 Fire = 0 Reactivity = 0</p> <p>WHMIS-ratings: Health = 0 Fire = 0 Reactivity = 0</p>	<p style="text-align: center;"><u>Installation Procedure contd.</u></p> <p>Installation: When the primer is sufficiently dry, spread the adhesive with the appropriate notched trowel. Lay the wood floor into the adhesive, position correctly and press down firmly.</p> <p style="text-align: center;"><u>After Installation</u></p> <p>Storage: Store pail in a cool and dry place. Protect from freezing.</p> <p>Setting Period: Do not place heavy objects on wood flooring for at least 48 hours after installation, depending on sub floor condition and type of wood flooring installed. Do not sand solid wood strip flooring until 7 – 10 days after installation.</p> <p>Clean up: Clean tools and equipment with warm water. Wipe wet adhesive from pre-finished flooring with a cloth dampened with water. Add mild soap if necessary. Do not leave water spills on flooring as they will cause dimensional changes to the wood flooring.</p> <p style="text-align: center;"><u>Limitations</u></p> <p>Do not store or transport below 32 °F. Do not install solid wood below grade. Do not use on concrete with curing agents or sealers. Do not use on damp sub floors. Do not install wood floors with a moisture reading above 12%. Do not use as leveling material. This adhesive will not prevent moisture-related damages to wood flooring. When using other than STAUF products in combination with STAUF dispersion based wood flooring adhesives, we deny any and all responsibility for ensuing problems and/or damages.</p> <p style="text-align: center;"><u>Usage and Accident Information</u></p> <p>General information: No special measures required.</p> <p>After inhalation: Supply fresh air; consult doctor in case of complaints.</p> <p>After skin contact: Generally the product does not irritate the skin.</p> <p>After eye contact: Rinse opened eye for several minutes under running water.</p> <p>After swallowing: If symptoms persist consult doctor.</p> <p>Hazard advice: none</p> <p>Safety advice: Observe the general safety regulations when handling chemicals.</p>

The foregoing representations are based on the results of our most current product and material testing within a controlled environment and are of a non-obligatory advisory nature only. As such, they do not constitute an express or implied warranty of any kind including the Warranty of Merchantability and/or Fitness for a Particular Purpose. Because we have no control over the actual quality of workmanship, materials used and worksite conditions, STAUF USA Adhesive LLC, will in no event be liable for any incidental and/or consequential damages. Therefore, we strongly recommend that prior on-site testing be conducted to refer to and study the suitability of the product for the intended purpose. With the release of this technical information sheet all its prior versions become invalid. (V01/2005)