

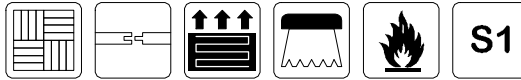


# Solva-Mastic WFR-930

Solvent based wood floor adhesive  
 Contains no water, no chlorinated solvents

### Special Features:

- ◆ builds up legs when wood flooring moves
- ◆ bridges normal sub floor variations
- ◆ quick setting, easy installation



### Product Benefits

#### General features:

- solvent based quality for professionals
- contains no water, no chlorinated solvents
- no hazardous materials declaration
- highly flammable, ozone friendly
- high solids content

#### Installation features:

- no flash time required
- superior green grab
- non-slump formula
- bridges normal sub floor variations
- eliminates hollow spots
- minor dimensional changes in wood flooring

#### Long term features:

- freeze/thaw stable
- remains elastomeric
- superior bond strength
- resistant against aging
- suitable on sub floor heating systems

### Products Suitability

#### Suitable for installation of:

- 5/16" solid mosaic parquet
- 1/2" - 3/4" solid strip flooring
- 3/4" solid shorts
- 1/2" - 3/4" solid planks (3" width max.)
- 5/16" engineered mosaic parquet
- 5/16" engineered wood flooring (3" width max.)
- 3/8" engineered wood flooring (5" width max.)
- 1/2" engineered wood flooring (7" width max.)
- 3/4" engineered wood flooring (9" width max.)

#### On following Sub Floors

- concrete
- exterior-grade plywood
- old floors to be renovated
- particle or chip board (underlayment grade)
- OSB (underlayment grade)
- cured cement based leveling compounds
- radiant-heated sub floors

### Product Description

STAUF WFR-930 is a pure solvent based, high-strength adhesive for professional wood flooring installation. There are no chlorinated solvents or other hazardous materials contained. It is therefore ozone and environmentally safe.

WFR-930 spreads easily, has a non-slump formula to allow the ridges to bridge normal 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 commence right away. Since the solvent content has been reduced the dimensional changes in wood flooring are minimized.

WFR-930 was designed to keep the wood in its place yet allows 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. *Please refer to our technical information on sub floor preparation.*

#### Suitable Primers:

- ◆ True-Seal URP-260, Solva-Prime SOP-230
- Please refer to our technical data sheets on primers!*

#### Installation:

When the primer has dried sufficiently spread the adhesive using the appropriate notched trowel. Lay the wood floor into the adhesive, correct position and press down firmly.

	<b>Solva-Mastic WFR-930</b>
<p style="text-align: center;"><u>Coverage/Trowel size</u></p> <p><b><math>\frac{5}{16}</math>" Mosaic parquet (solid or engineered)</b> STAUF notched trowel No. 3:</p>  <p>space depth <math>\frac{5}{32}</math>", width <math>\frac{1}{8}</math>", arc width <math>\frac{3}{16}</math>" approx. 70 sq. ft. / gallon</p> <p><b><math>\frac{1}{2}</math>" – <math>\frac{3}{4}</math>" solid strip, shorts and planks (all of the above 3" width max.)</b> STAUF notched trowel No. 4:</p>  <p>space depth <math>\frac{1}{4}</math>", width <math>\frac{7}{32}</math>", arc width <math>\frac{9}{32}</math>" approx. 50 sq. ft. / gallon</p> <p><b><math>\frac{5}{16}</math>" – <math>\frac{3}{4}</math>" engineered wood flooring (max. width depends on thickness, see left)</b> STAUF notched trowel No. 5:</p>  <p>space depth <math>\frac{3}{16}</math>", width <math>\frac{1}{4}</math>", arc width <math>\frac{3}{8}</math>" approx. 60 sq. ft. / gallon</p> <p><b>Color:</b> Beige</p> <p><b>Open time:</b> approx. 20 min. at 70 °F</p> <p><b>Room climate at work site</b> Temperature: 50 – 100 °F Relative humidity: 40 – 80 %</p> <p><b>Cure time:</b> 48 hours until light traffic 5 – 7 days until sanding</p> <p><b>VOC content:</b> 90 g/L (calculated)</p> <p><b>Flash point:</b> 28 °F</p> <p><b>Weight:</b> 12.95 lbs. per gallon</p> <p><b>Freeze/thaw stability:</b> not effected by freezing</p> <p><b>Packaging:</b> 4 gal. metal pail (36 per pallet) 1 gal. metal pail (120 per pallet)</p> <p><b>Transport:</b> UN 1133 adhesive DOT class 3</p> <p><b>Storage:</b> according to regulations for storage of flammable liquids</p> <p><b>Shelf life:</b> Approx. 12 months</p> <p><b>NFPA-ratings:</b> Health = 2 Fire = 3 Reactivity = 0</p> <p><b>WHMIS-ratings:</b> Health = 2 Fire = 3 Reactivity = 0</p>	<p style="text-align: center;"><u>After Installation</u></p> <p><b>Storage:</b> Store pail in a cool and dry place. Observe official regulations on storage and handling of flammable liquids (red labels).</p> <p><b>Setting Period:</b> Wood floor can be charged usually within 48 – 72 hours after installation, depending on sub floor condition and type of wood flooring installed.</p> <p><b>Clean up:</b> During installation of pre-finished flooring immediately wipe any wet adhesive from the surface with a cloth dampened with mineral spirits. Do not leave mineral spirits or wet adhesive on surface of pre-finished flooring as they will mar the finish. Clean tools and equipment with mineral spirits.</p> <p style="text-align: center;"><u>Limitations</u></p> <p>Observe mandatory regulations concerning installations where flammable liquids are used. 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 flooring with moisture reading above 14%. Do not use as leveling material. This adhesive will not prevent moisture-related damages to wood flooring.</p> <p style="text-align: center;"><u>Usage and Accident Information</u></p> <p><b>General information:</b> Wash hands before breaks and after work. Use suitable respiratory protective device in case of insufficient ventilation.</p> <p><b>After inhalation:</b> Supply fresh air; consult doctor in case of complaints.</p> <p><b>After skin contact:</b> Generally the product does not irritate the skin.</p> <p><b>After eye contact:</b> Rinse opened eye for several minutes under running water. Then consult a doctor.</p> <p><b>After swallowing:</b> If symptoms persist consult a doctor.</p> <p><b>Hazard advice:</b> Highly flammable.</p> <p><b>Safety advice:</b> Keep ignition sources away – Do not smoke. Protect against electrostatic charges. Keep container tightly closed. Store in a cool and well ventilated place. Avoid contact with eyes.</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)