

# SOLVA-MASTIC® WFR930

# STAUF®

WOOD FLOORING ADHESIVES USA

ALCOHOL BASED WOOD FLOOR ADHESIVE.

CONTAINS NO WATER, NO CHLORINATED SOLVENTS, NO ISOCYANATES.

PATENT PENDING

## PRODUCT DESCRIPTION

STAUF WFR-930 is an alcohol based, high-strength adhesive for professional wood flooring installation. It contains no chlorinated solvents or other materials harmful to one's health. It is ozone and environmentally safe.

WFR-930 spreads easily. It has a non-slump formula that will help insure contact and adhesive transfer because the ridges will bridge normal gaps between 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 immediately.

WFR-930 is designed to keep the wood in its place, yet allow for normal movement during seasonal changes to the wood flooring.

## PRODUCT FEATURES

### General Features:

- Alcohol based for quick grab, easy spread/clean
- Contains no water, no chlorinated solvents
- Contains no isocyanates
- Flammable, ozone friendly
- High solids content
- No health hazards
- Can be safely transported
- Color: Beige

### Installation Features:

- No flash time required; lays wet
- Superior green grab
- Non-slump formula
- Bridges normal sub floor variations
- Eliminates hollow spots
- Allows minor dimensional changes in wood flooring
- Light foot traffic in 8 hours
- Set, ready to sand in 48-72 hrs.
- Cleans with Acetone, mineral spirits
- Site Temp: 50-90 °F
- Site RH: 30 - 80%
- Flash Point: 28 °F
- No rolling required

### Long Term Features:

- Freeze/thaw stable
- Remains elastic
- Superior bond strength
- Resistant against aging
- Suitable for radiant heat systems with primer



## OPEN TIME

	+50 °F	+70 °F	+90 °F
30% Humidity	25 mins.	23 mins.	20 mins.
50% Humidity	35 mins.	30 mins.	25 mins.
80% Humidity	40 mins.	35 mins.	30 mins.

## SUITABLE TROWEL SIZES

- Notched Trowel #5 (Engineered) 60 sq.ft./gal.
- Notched Trowel #4 (Solid Flooring) 50 sq.ft./gal.
- Notched Trowel #3 (Parquet) 70 sq.ft./gal.

## SUITABLE STAUF PRIMERS

- SOLVA-PRIME SOP-230

## SUITABLE STAUF SEALERS

- TRUE-SEAL URP-260



**STAUF SOLVA-MASTIC  
POSSESSES SUPERIOR  
"GREEN GRAB"  
QUALITIES**

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## 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 all floors must be measured before installation.

Moisture content of concrete sub floors must be below 3#/24h/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) may be 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 cleaning the surface with an industrial vacuum cleaner. With the exception of expansion joints, all cracks and gaps must be filled with concrete crack filler CCF-30. Level when necessary to 3/16" within 10'. Heated sub floors must be primed. Please refer to our technical information on sub floor preparation.

### Installation:

Wood flooring must have 7-9% MC and no more than 5% variance in MC with any wood sub floor. Spread the adhesive with the appropriate notched trowel. Avoid excessive adhesive thickness by passing the trowel through the adhesive at a 45° angle. Lay the wood floor into the adhesive, correctly position it and press down firmly.

## USAGE & ACCIDENT INFORMATION

Please refer to our technical data sheet and MSDS for information. See website at [www.staufusa.com](http://www.staufusa.com)

## WHAT TYPE FLOOR DO YOU HAVE?

### Engineered Flooring

5/16" Thick Planks or Parquet	Up to 3" Wide
3/8" Thick Planks	Up to 5" Wide
1/2" Thick Planks	Up to 7" Wide
3/4" Thick Planks	Up to 9" Wide
Bamboo, any Thickness or Width	NO

### Solid Flooring

5/16" Thick Solid Strip Flooring* Up to 3" wide	NO
1/2" - 3/4" Thick Solid Strip* up to 3" & Shorts < 36"	YES
1/2" - 3/4" Thick Solid Plank*	Up to 3" Wide

\*Straight Line Ripped

## LIMITATIONS

**When using other than Stauf products in combination with Stauf adhesives, we deny any and all responsibility for any ensuing problems and/or damages without prior written permission from Stauf.**

- 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 except Stauf URP-260.
- Do not use on damp sub floors.
- Do not install wood flooring with moisture reading above 9%.
- Do not use as leveling material. This adhesive will not prevent moisture-related damages to wood flooring.








## ADHESIVE PROPERTIES

Packaging:	4 gallon metal pail (36 per pallet)	1 gallon metal pail (120 per pallet)	
Shelf Life:	Approx. 12 months		
NFPA, WHMIS Ratings:	Health=2	Fire=3	Reactivity=0

## STORAGE & TRANSPORT

Place lid on pail tightly. Store pail in cool dry place. Observe official regulations on storage and handling of flammable liquids (red label). DOT Class 3 Hazmat UN 1133 Adhesives  
Weight: 12.95 lbs./gal.

## SUITABLE SUB FLOORS

 Concrete <b>CON</b>	 OSB (underlayment grade) <b>OSB</b>
 Radiant-heated Sub Floors <b>HEAT</b>	 Particle or Chipboard (underlayment grade) <b>PAR</b>
 Old Floors to be Renovated <b>OLD</b>	 Plywood (exterior grade) <b>PLY</b>
 Leveling Compounds (Cured, Cement Based) <b>LEV</b>	