

# TECHNICAL INFORMATION

## TEK SUR CLEAR WATER-BASE WOOD INSULATING SEALANT

FONDO AISLANTE BASE AGUA TRANSPARENTE



518-38115-900

### DESCRIPTION

TEK SUR CLEAR WATER-BASE insulating sealant is a single-part sealant formulated on water base resins, designed to apply direct on wood and laminates. Its low solvent content allows for cleaner working environments and significantly reduces air pollution.

### USE

Recommended for use on wood, laminates or MDF. It allows natural tones of wood to stand out and, in other substrates, such as MDF, helps to level absorption and prevents breakdown of successive films. Suitable only for indoor wood structures.

Product line	Professional / industrial Line
Structure	Any wooden structure
Exterior /	Indoor
Surface	Wood, MDF, laminated wood

### CHARACTERISTICS

#### ASSESSMENT

System	Water base
Single-part	
Ecofriendly	
Ready to use	
Industrial use	

#### PHYSICAL PROPERTY

#### DATA

Volume Solids (%)	22 - 26
Weight solids (%)	25 - 29
Weight per Gallon (kg/Gl)	3.85 - 4.10
Theoretical Yield (m <sup>2</sup> /Gallon)	35 - 37
VOC (grams/liter)	0
Zahn Cup # 2 (s)	10 - 15

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.

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Definition of theoretical yield: Maximum surface that a paint can cover under ideal conditions. Practical performance varies depending on type of surface, used tool, applicator experience and other factors. 1 mil = 0.0254 mm.

### PRESENTATION

#### AVAILABLE PRESENTATIONS

4 liter plastic container

### SURFACE PREPARATION

#### CONDITION

#### INSTRUCTION

##### Moisture

Wood moisture should not be over 16%.

##### Surface preparation

Wood must be dry, free of dust, grease or any other contaminant that may affect the adhesion of the product.

##### Protection of wood against fungi / insects

For better protection against fungi and insects, apply previously a coat of Preserwood 504-00995-900.

##### Restore imperfections in wood, plywood or MDF

If necessary to resurface small wood imperfections, use water base Wood Putty 518-00800 in the desired shade (Mahogany 418, Pine 424 or Teak 420).

### PRODUCT PREPARATION

#### COMPONENT

#### MIXING RATIO

#### MIXING INSTRUCTIONS

Product: 518-38115-900 - TEK SUR CLEAR WATER-BASE WOOD INSULATING SEALANT

**100 parts**

Stir before use

Diluent: 0 - Clean Water

**5 parts**

On a very hot day, you may need to add 5% of clean water.

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### PRODUCT APPLICATION

#### IT CAN BE APPLIED WITH



Spray gun (gravity or suction feed)

#### Gravity gun application

Nozzle size 1.3 - 1.5 mm

Pressure 30 - 35 psi

#### Suction gun application

Nozzle size 1.5 - 1.8 mm

Pressure 30 - 35 psi

#### Application conditions

Do not paint very hot surfaces or directly exposed to the sun, the paint will evaporate very fast and that will hurt its adherence and duration.

Do not apply when relative humidity exceeds 85%, with rain or with certain threat that it will rain in a short time, because it would alter some characteristics of the application or the performance of the product.

Application must be done in a well ventilated area.

#### Number of layers and thickness

Number of Coats Apply 1 full coat (cross layer)

#### Drying times

Tack-Free time 20 - 30 min

Drying time to sand 1 h

Total drying time 72 h

Drying times listed are under ideal conditions (Between 22-28°C temperature and 50 - 80% relative humidity). These times are dependent on temperature, moisture, film thickness and dilution.

#### Sanding instructions

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Sand lightly with #220 grit before applying next product.

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Dust well all sanding residues before applying next coat.

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### OBSERVATIONS

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at [customerservice@gruposur.com](mailto:customerservice@gruposur.com)
- ✓ Keep container tightly closed in a ventilated place, between 20 and 30°C, out of reach of children.
- ✓ This product is intended for professional/industrial use and should be applied by properly trained personnel.

### HEALTH

- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR Color paint store or our industrial compound in La Uruca, San Jose.
- ✓ Avoid skin contact and do not inhale its vapors.
- ✓ Apply in a well ventilated area and DO NOT smoke while using this product.
- ✓ This a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>

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