



DESCRIPTION

WOODFLOOR URETHANE ADHESIVE 23381 is a high-solids polyurethane adhesive developed specifically to install wooden or parquet floors. It has excellent adhesion and moisture-cure, offers optimal resistance to moisture, temperature changes, aging and alkalinity. It is very easy to apply.

USE

Used mainly to install solid wood or parquet floors over concrete, ceramic or marble. Application is with a toothed trowel, with a tooth size according to the thickness of the wood to be glued. It is very important to follow specification of wood and concrete moisture percentage to avoid adhesion failures after installation, as well as to prevent subsidence or deformations in concrete slab.

Structure	Floors
Outdoor/Indoor	Indoor
Superficie Surface	Wood on cement
Line	Industrial/Professional Line

PROPERTIES

PHYSICAL PROPERTIES	DATA
Volume Solids (%)	75 - 80
Weight per gallon (kg/gal)	4.50 - 4.70
Brookfield Viscosity (cPs)	350 000 - 450 000
Theoretical Yield (m ² /gallon)	0.8 - 1.0
Minimum time to transit (hours)	24 h
Time to sand (hours)	24 - 48 h
Curing time (hours)	48 h
Open Time (hours)	2
Wood maximum moisture (%)	15 %
Shelf life (months)	6 m

Definition of theoretical yield: Maximum surface that can be covered with a painting under ideal conditions. The practical performance varies depending on the type of surface used tool, applicator experience and other factors. 1 mil = 0.0254 mm.

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.



CONTAINERS

AVAILABLE CONTAINERS

5-gallon bucket (18.925 Lt.)

SURFACE PREPARATION

CONDITION

INSTRUCTION

Clean Floor

Floor should be clean, dry, structurally firm, properly cured, and free of dirt, grease, paint, old glue, waxes, sealants, curing agents or dusting concrete.

Wood Moisture

Wood's moisture percentage should be between 10 and 15%. Otherwise, the performance of this product is not guaranteed.

Solid wood

Solid wood (not parquet) should be placed uncovered over the concrete slab where it should be glued, if possible, for at least a month, while its moisture reaches an equilibrium, to guarantee a minimum of dimensional changes after the placing and adhesion.

Wood Pieces:

Pieces of wood should not exceed a length of 80cm, to prevent large dimensional changes or twists that generate detachment of the wood. Leave a gap between the wall and the wood, of at least 1.5 cm, to anticipate wood swelling by changes in ambient humidity.

Floor Installation

The wooden should be installed at least two months after the casting of the last concrete coat has been carried out. This is, 28 days curing for a full strength and resistance, and one more month for its moisture to drop below 70% and so, it does not affect the adhesion of the wooden floor.

High humidity zones:

For a better performance where there is a high ambient humidity, use an integrally waterproofed concrete or a moisture insulator before casting the concrete subfloor (e.g. black plastic or specialized insulation).

Subfloor installation:

The concrete slab or subfloor must have an excellent level for a better performance. If the floor was leveled with leveling mortar, there is no guarantee that a detachment between slab and mortar will not occur.

Doors and windows installed

The room where this wood floor is going to be installed already must have its windows and doors installed, so that it is not exposed to outside moisture.

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Rough slab

Si la superficie de la losa esta áspera, se debe lijar con grano # 20 para remover toda la aspereza, y aspire todo el recinto para quitar polvo y cualquier otro material suelto. If the roof slab has a rough surface, it should be sanded with #20 grit to even out that roughness, and the entire room should be vacuum cleaned to remove dust and any other loose material.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 525-23381-000, PEGAFORTE WOODFLOOR URETHANE ADHESIVE		Ready to use, do not dilute

If part of this product is going to be stored for later use, be careful to close the container tightly and to put the protective plastic seal.

PRODUCT APPLICATION

APPLICATION TOOL

Toothed trowel

Application Conditions

The application area should be well ventilated.

Wood moisture should not exceed 15%.

Aplique el producto con llaneta (llana) dentada en una sola dirección, esparciéndolo para obtener un rendimiento óptimo

Application Instructions

On concrete surfaces: Apply this product with a toothed trowel in just one direction, spreading it for an optimum yield.

The toothed trowel should be chosen according to the thickness of the wood, (For example, for a wood thickness of 2cm, use a trowel with a 6mm tooth height.

The level of the slab will also affect the selection of the trowel to be used, check for a full contact between the adhesive with the underside of the wood pieces to be installed.

Recommended toothed trowel:

For a parquet floor, use a 3mm deep, squared tooth.

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For 20 mm thick solid wood pieces, use a 6mm square tooth trowel.

It is not recommended to apply the adhesive with a concrete moisture above 70%.

The performance of the adhesive will depend; of the roughness and leveling of the concrete slab and trowel used in the application.

For a fiber cement mezzanine: Dust or vacuum the surface well to remove all dust and make sure the floor is completely even.

Avoid level differences between floor sheets and directly apply this adhesive.

NOTICE

- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place, away from sunlight or intense heat, between 20 and 30°C to avoid loss of its properties.
- ✓ Si va a guardar parte del producto para su uso en fecha posterior, cuide de cerrar bien el recipiente y no olvide colocarle el sello protector de plástico. To store part of this product for a later use, close the container tightly and put back its protective plastic seal.
- ✓ It should be used before the expiration date indicated on the packaging label. After that date, all its warranties are void.
- ✓ Any change in environmental conditions at application can have a significant impact on its open time and drying time.
- ✓ Substrate's temperature at application should be between 20 and 35°C.
- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>

HEALTH

- ✓ This is 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>
- ✓ 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

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