

FLOORING ADHESIVE COSWICK SPU 303

COSWICK COATINGS & ADHESIVES

TECHNICAL INFORMATION



COSWICK SPU 303 1-COMPONENT SILANE FLOORING ADHESIVE

BENEFITS :

- Ready to use, does not require preparation or stirring;
- Can be easily levelled with a trowel, retains trowel pattern;
- Does not contain solvent, odourless;
- Highly adhesive, suitable for any base, does not require priming of the base;
- Fast hardening (flooring can be sanded in 12 hours);
- Moisture-resistant, provides an additional base moisture barrier;
- Provides perfect sound and vibration insulation;
- High shear strength, good stress compensation of solid hardwood flooring in humidity changing conditions;
- Does not lose its elastic properties in time and temperature change;
- Can be used over underfloor heating systems.

INGREDIENTS :

Silane-modified polyurethane resin, mineral fillers, functional additives

Meets the requirements of DIN EN 14293, TY BY 101040134.012-2024, ISO 17178

APPLICATION RANGE :

Adhesive is designed for installation of wooden floors of all types: solid, multi-layer and mosaic hardwood flooring, parquet panels, commercial wood flooring. The adhesive can be used for installation of jointless wood flooring, for T&G and Click flooring without limiting the thickness of hardwood planks. Can be used for hardwoods flooring products made of any wood species, including exotic ones, unfinished / pre-finished (Lacquer, Oil, Wax). Adhesive requires no preparations and ready for use, easy to spread and make even, cures fast. Recommended for installation of wood floors over radiant flooring heating systems.

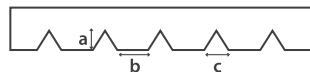
ADHESIVE PERFORMANCE CHARACTERISTICS :

Reference:	4670-030030
Packing:	Bucket 15.0 kg (2 sacks of 7,5 kg)
Density	~1500 kg/m ³
Hardness	~60 Shore
Color	Yellow-beige paste
Consumption	800 – 1300 g/m ²
Film forming time	60 min at t=20°C
Fluidity	Not less than 50 mm, EN 14293 Height of the glue line edge
Drying time:	
for light loads (walking)	8 hours at plus 23°C and the relative humidity of 50 %
for sanding	12 hours at plus 23°C and the relative humidity of 50 %
complete drying	7 days at plus 23°C and the relative humidity of 50 %
Use temperature	from plus 5 °C to plus 25 °C
Shear strength	~1.7 MPa at plus 23°C and the relative humidity of 50 %
Tensile strength	~1.7 MPa at plus 23°C and the relative humidity of 50 %
Elongation at break	~100 % at plus 23°C and the relative humidity of 50 %

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CONSUMPTION :



To apply flooring adhesive it is recommended to use notched trowel. Adhesive consumption depends on the size of the trowel:

800-1000 g/m², Trowel B3



a=3,25 mm b=3,3 mm c=3,7 mm angle=55°

B3 trowel ensures the adhesive consumption of 800 – 1000 g/m². The consumption of adhesive is recommended for gluing single-piece, mosaic, industrial parquet, as well as gluing synthetic or cork sound-proofing substrate to the base. This consumption of one package of adhesive 15 kg will be enough to cover an area of about 17 m²;

800-1000 g/m², Trowel B5



a=5,15 mm b=14,3 mm c=5,7 mm angle=55°

B5 trowel ensures the adhesive consumption of 800 – 1000 g/m². The consumption of adhesive is recommended for gluing the single-piece of mosaic and industrial parquet. This consumption of one package of adhesive 15 kg will be enough to cover an area of about 17 m²;

1000-1300 g/m², Trowel B11



a=6,3 mm b=7,9 mm c=6,1 mm angle=60°

B11 trowel ensures the adhesive consumption of 1000 – 1300 g/m². The consumption of adhesive is recommended for gluing of solid wood, modular flooring, plywood, chipboard. This consumption of one package of adhesive 15 kg will be enough to cover an area of about 13 m².

APPLICATION :

Base requirements:

It is allowed to use the adhesive on the following bases: prepared concrete surface, cement screed, sulphate-calcium screed, ceramic tile, plywood, chipboard, rough board floor, synthetic or cork subfloors and similar bases.

Base shall be hard and even, solid, clean, dry, dedusted and degreased. Paint, fat stains and other weak coatings shall be removed. Base surface shall not exceed 4%.

Application method :

Open the bucket with adhesive, remove the tinfoil and the glue film from the surface, if any. Apply the hardwood flooring adhesive to the base to the surface of 2-3 planks and distribute it evenly using the notched trowel. Keep the trowel at the angle of 90° to the surface. This position will allow you to distribute the glue evenly and uniformly. Apply some pressure to hardwood flooring planks to put them into place. Keep the bottom plank surface covered with adhesive all along its surface. If necessary, planks can be driven to the end point by a rubber mallet.

After applying the adhesive it is necessary to install the hardwood planks within 60 minutes. Otherwise, the film that decreases adhesion features will appear on the adhesive surface.

In case of contact of adhesive with the front surface of hardwood flooring planks clean the adhesive remains immediately using rags and heavy duty cleaner hardwood flooring Coswick.

During breaks and when installation is finished close the bucket tightly, if any adhesive left for future use.

TOOLS CLEANING :

After application clean the spatula and other tools until the adhesive has hardened. Tools can be easily cleaned with tool cleaner Coswick.

REQUIREMENTS :

Coswick SPU 303 adhesive should be used by professionals with hardwood flooring installation experience.

If the temperature or relative humidity in the room in which the work is being performed deviates, the technical parameters may differ from those stated. Proper and fast curing of the glue occurs with a sufficient amount of moisture in the air.

Additional attention should be paid to the base conditions on which the parquet is to be installed. Avoid the use of adhesive on weak, unprepared, chemical-treated bases.

Don't mix the adhesive and don't dilute it with any substances or materials.

SHELF LIFE, STORAGE AND TRANSPORT CONDITIONS :

Store in a well-ventilated area. Temperature must not fall below 5 °C or exceed 25 °C, the lid of the of the bucket should be duly closed. Withstands short-term exposure to lowtemperatures (down to minus 25 °C). Shelf life is 12 months in case all the conditions are met.

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SAFETY REQUIREMENTS :

Warning! Combustible liquid. Read instructions/label before use. Keep the product out of reach of children. Keep away from sources of heat/sparks/open flames/hot surfaces. No smoking. Wear protective gloves. In case of contact with skin and mucous membranes, rinse with running water. Do not inhale vapors. Make sure good ventilation is provided as well as personal protective equipment is used during application. In case of fire, use the extinguishing tools appropriate for combustible liquids. If medical advice is needed, have product container or label at hand.

DISPOSAL :

Wastes and emptied containers should be disposed of in accordance with your local environmental requirements. Avoid release to the environment.