



Italiana Parquet

ECO-FRIENDLY SILANE ADHESIVE

A single-component adhesive specifically developed for all Italiana Parquet collections, free from solvents and isocyanates. Any residues can be easily removed both during installation and after curing.

All the care we dedicate to quality research, environmental responsibility, and health protection in selecting our parquet must not be compromised during the final installation stages. A consistent approach requires that the choice of adhesive reflects the same values.

Developed in collaboration with Mapei, the Eco-Friendly Silane Adhesive ensures exceptional bonding strength and long-lasting elasticity, while fully respecting indoor air quality. This is a single-component adhesive, specifically designed for our entire range of wooden flooring. Its residues can be easily removed both during installation and after curing, making the work simpler and cleaner.

*The **Eco-Friendly Silane Adhesive** is a single-component parquet adhesive based on next-generation polymers, ensuring very high performance, with no added solvents or isocyanates.*

Technical data sheet

Single-component adhesive based on silane-modified polymers for bonding all Italiana Parquet collections, free from solvents and isocyanates, with very low emissions of volatile organic compounds.

The silane adhesive can be used for bonding parquet flooring onto cement screeds, screeds made with hydraulic binder mortars with normal or fast drying times, existing wooden floors, ceramic tiles, marble, terrazzo tiles, anhydrite screeds, etc.

Suitable for use on heated and cooled subfloors.

The Silane Adhesive is:

- **single-component and ready to use, requiring no hardener and no further mixing;**
- **highly elastic, making it ideal for bonding all Italiana Parquet collections;**
- **completely free from solvents and isocyanates;**
- **safe for the health of both installers and end users;**
- **offering up to 30% higher coverage compared to traditional two-component adhesives.**

Technical data

Consistency	creamy paste
Color	beige
Density	1,65 ±0,05 g/cm ³
Solid content	100%
Storage temperature	from + 10°C to + 35°C
Application temperature	from + 10°C to + 35°C
Light foot traffic after	12 hours
Average coverage	1,2 ÷ 1,4 Kg/m ²
Elongation at break	100% (after 7 days at +23°C)

Application instructions

Subfloor preparation

The subfloor on which the parquet will be installed must be smooth, level, and compact to ensure optimal adhesive bonding and the best possible contact between the parquet and the subfloor.

Parquet installation

Spread the adhesive evenly over the subfloor using an appropriate notched trowel and lay the planks, applying light pressure. Ensure the adhesive is applied uniformly across the entire surface, without leaving gaps or areas completely free of adhesive. Do not apply the adhesive directly to the underside of the wooden flooring.

Italiana Parquet S.r.l.

Via Brodolini, 26 A/B
60044 Fabriano (AN) - Italy

Tel. +39 0732 629262
info@italianaparquet.it

www.italianaparquet.it

Cod. Fisc. e PIVA 02734750413
Reg. Impr. Marche 02734750413
REA AN - 270630
Cap. sociale € 100.000,00 i.v.
PEC italianaparquet@legalmail.it
Cod.Univoco A4707H7

Società soggetta a direzione
e coordinamento di
Margaritelli S.p.a.
Sede legale fraz. Miralduolo
06089 Torgiano (PG) - Italy
Cod. Fisc. 02981200542
REA PG - 255267



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Apply only the amount of Eco-Friendly Silane Adhesive that will be used within a maximum of 30 minutes under normal environmental conditions: T = 23°C and RH = 50%.

Planks should be joined together preferably by hand only, as using installation tools (e.g., mallets) may damage the surfaces and edges. During this process, take care to prevent adhesive from seeping into the joints and avoid soiling the surface.

For all oil-finished floors, and especially those with color pigmentation, do not use aggressive solvents to remove any adhesive residues.

Keep out of reach of children. Ensure adequate ventilation during application and curing. Do not eat, drink, or smoke while using this product. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow the product to enter drains, waterways, or soil. Only properly emptied containers can be recycled. Dried product residues can be disposed of as normal household waste. The product is free of preservatives. Methanol is released during curing. Ensure continuous ventilation during use, and maintain adequate ventilation for several days after the flooring has been installed. Wear protective gloves.

For further information, in case of allergic reactions, or to request the technical data sheet, please contact our technical office: info@italianaparquet.it

The product contains: mineral fillers, binders, additives, dehydrating agent, catalyst, stabilizer, pigments (VdL-RL 01 June 2018).

Intended for professional use only.

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