



# ADHESIVA ST 25 ECO

ECO-FRIENDLY SINGLE-COMPONENT ADHESIVE FOR LVT, SPC, AND RESILIENT COVERINGS



TECHNICAL DATA SHEET UPDATED 12/02/2026

## Product Information

Single-component adhesive based on modified silane polymers with extremely low emissions.

Thanks to its low elastic modulus, it is ideal for bonding LVT, SPC, and rigid LVT, and acts as a universal adhesive for all resilient floorings, particularly PVC.

It ensures strong and long-lasting adhesion without the need for primer on most substrates. It meets high indoor air quality and environmental compatibility standards.

## Recommended Uses

- LVT (Luxury Vinyl Tiles)
- SPC (Stone Plastic Composite) and rigid LVT in tiles or planks
- Homogeneous and heterogeneous PVC (sheets and tiles)
- PVC with foam or multilayer backing
- Semi-flexible vinyl tiles (VCT)
- Carpet with backing in latex, PVC, PU foam, natural jute or Action-Bac®
- Linoleum with any type of backing
- Polyurethane flooring
- Chlorine-free and polyolefin floorings
- Rubber floorings (sheets/tiles, also multilayer with rubber or foam backing)

## Coverage

Consumption may vary depending on the flatness of the substrate and the type of flooring backing (and thus the type of notched trowel used).

Approx. 600–800 g/m<sup>2</sup>.

## Application Instructions

### Substrate Preparation

All substrates must be dry, absorbent, mechanically resistant, and free from dust, release agents (such as waxes, paints, oils), or any other contaminants that may affect adhesion.

Check residual moisture before installation: it must be below 2% for cement-based screeds, or in accordance with current regulations in each country.

Also verify the absence of rising damp.

Floating screeds made on top of insulating or lightweight layers, as well as screeds on ground level, must be properly insulated with a vapor barrier.



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Cement-based screeds with high moisture, poor cohesion, or powdering tendencies must be pretreated with PRIMER PU.

For installation over existing floors like ceramic or marble, sanding is required, followed by complete residue removal. In the presence of moisture or mold, treat with PRIMER SP (for damp surfaces).

Primers also act as adhesion promoters, consolidating and cleaning the substrate.

## Covering Preparation

Before installation, allow the materials to acclimate on site at least 24 hours in advance.

Always follow the flooring manufacturer's instructions for installation methods.

Unroll or unpack coverings in advance to minimize stress, folds, or deformation.

Apply the adhesive within its open time, while still wet. The adhesive grooves should be fully compressed.

Avoid air bubbles by thoroughly pressing down to ensure proper adhesive transfer to the backing.

Do not overstress joints. After a few minutes, roll the surface again to level and improve adhesion.

For uneven areas, use sandbags or similar weights to ensure proper bonding.

The flooring can be walked on approx. 24 hours after installation, depending on ambient conditions and materials used.

## Product Preparation

The product is ready to use and requires no preliminary preparation. Stir briefly before application.

## Product Application

Apply the adhesive evenly using a no. 2 notched trowel in a single coat. Spread only the amount that can be covered with the flooring within the open time, ensuring full transfer to the backing.

Avoid applying adhesive to the edges of the material.

Maintain a 10 mm expansion gap along walls.

Remove spacers immediately after installation.

Avoid walking on the surface during and for at least 24 hours after application.



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If there are deformations or uneven surfaces, weigh down the critical areas to ensure proper bonding.

#### Cleaning

Clean tools with nitro thinner immediately after use.

Once cured, the adhesive can only be removed mechanically.

Packaging	PRODUCT CODE	WEIGHT	UNIT	PACKAGING	PCS/BOX
	20156-N	15	kg	Bucket	1

Technical Data	Appearance	White cream
	Specific weight	1.5 kg/l
	Customs code	3909 50 90
	Application temperature	from +10 °C to +35 °C
	Open time	35–50 minutes
	Setting time	2–3 hours
	Light foot traffic	6–8 hours
	Heavy foot traffic	24–48 hours (depending on substrate)
	Elasticity	Excellent
	Aging resistance	Excellent
	Moisture resistance	Excellent
	Adhesion on PVC, LVT, rubber, linoleum	Excellent

#### Warnings

1. Always check the moisture content of both substrate and flooring with suitable instruments.



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2. Spread only the adhesive that can be covered within the open time (50 minutes at 23 °C), ensuring adequate wetting.
3. Do not install in overly humid environments.
4. Ventilate the room during application.
5. Do not install on fresh asphalt (wait at least 20 days).
6. Avoid bituminous substrates that may release oils.
7. Do not install on uncured or damp concrete.
8. Do not apply below +10 °C.
9. Do not use on damp substrates or those with rising damp unless properly treated.
10. Pre-treat non-absorbent substrates to make them porous.

## Storage

The product is guaranteed in its original packaging, under standard storage conditions (+5 °C to +35 °C / +41 °F to +95 °F), for 12 months from the production date. It is important to store the product in a dry place, away from heat sources and direct sunlight.

## Final note

Keep out of reach of children and pets. Dispose of waste in designated construction material containers.

The information in this technical sheet is based on our extensive experience but is indicative. Users must assess product suitability for their specific use and are responsible for its application.