

TECHNICAL DATA SHEET

REVISED: 11/08/2022

ADHESIVA ST 25 ECO

ADHESIVES FPR WOODEN FLOORINGS



Single-component adhesive, with a modified polymeric silane base. It has a specific low-modulus elasticity for fixing rigid LVT, SPC and LVT and is also suitable as a general-purpose adhesive for laying all types of cushioned flooring, in particular all types of PVC.

Suitable for:

- LVT (“Luxury Vinyl Tiles”)
- Rigid LVT in tiles or sheets
- Pure and blended PVC tiles and flooring on the roll
- PVC with foam backing and on multi-layered backing
- Vinyl Composite Tiles (VCT)
- Carpet with all types of backing (latex, PVC and polyurethane foam, natural jute and Action-Bac etc)
- Linoleum with all types of backing
- Polyurethane-backed flooring
- Polyolefin and chlorine-free flooring
- Rubber flooring (in tiles and sheets, including laminate flooring with a rubber or foam backing)

SURFACE PREPARATION

All grounds must be dry, absorbent or non-absorbent, level and mechanically solid, free from dust and any materials which may affect adhesion (wax, paint, oil, grease). It is important to check the humidity level of the ground before laying the flooring; it should be lower than 2% in the concrete base and no more than 0.5% for gypsum or anhydrite-based screed, making sure that there is no rising damp. Floated screeds on sprung floors, insulated floors and on sloping floors must be insulated with a damp-proof membrane. Cement bases with high humidity, too thin or dusty, should be treated with our PRIMER PU. For laying on to existing flooring such as floor tiles and marble, it is advisable to sand the surface first and to thoroughly remove all particles. Thereafter, and before applying the adhesive, we recommend preparing the surface with our PRIMER SP (specifically created for flooring with damp and mould) where the environment has high humidity or rising damp. It also improves adhesion and helps to bind and maintain the flooring.

FLOORING PREPARATION

Before laying the flooring, it is recommended to leave it on site for 1 day for it to acclimatise to the ambient temperature of the area. Follow the manufacturer’s instructions for laying the flooring. Unroll the product, or unpack it, to relax any folds or creases. Lay the flooring as soon as possible to ensure the adhesive is fresh and spread uniformly. Avoid leaving bubbles, spread the adhesive carefully to coat the back evenly. Avoid pressing on the edges and joints. A few minutes after laying, the flooring should be carefully smoothed. If it is not perfectly level, weigh down the raised areas and on the edges and joints. The flooring should be ready to be walked on 24 hours after laying.

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PREPARATION OF THE PRODUCT

ADHESIVA ST 25 ECO is a ready-to-use product which does not require any mixing. Spread the required quantity of adhesive according to the type of backing, using the recommended notched no. 2 spatula.

APPLYING THE PRODUCT

SPATULA - We recommend applying the product using a 2" notched trowel in a single coat, directly on the ground to be covered. Then lay the product.

COVERAGE – Coverage varies depending on the flatness of the surface and the type of flooring backing (and what kind of spatula is being used): approximately 600 - 800g/m²

CLEANING

It is recommended to clean equipment using thinner.

GUIDANCE

1. Always check the humidity of the ground and the humidity of the flooring using the appropriate instruments
2. Spread the adhesive on a surface which allows adequate coverage during the open time (50 minutes at +23oC)
3. Do not use in areas of excessive humidity
4. Do not use in enclosed spaces
5. Do not apply to fresh cement (wait at least 20 days)
6. Do not use on tarred surfaces where there is the possibility of oil secretions
7. Do not apply to fresh or undried concrete
8. Do not use in temperatures below +10 oC
9. Do not use in damp conditions or in areas which have not been treated for rising damp
10. Treat non-absorbent surfaces so they become porous

PACKAGING

PRODUCT CODE	WEIGHT	UNIT	TYPE OF PACKAGING	PCS IN BOX
20156-N	15	kg	Bucket	1

STORAGE

This product is guaranteed, if in original packaging and stored at between 15-35°, for a period of 18 months. It is important to store the product in a dry and well-ventilated space, away from direct heat sources and out of direct sunlight.

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PRODUCT TECHNICAL DATA

Base	Modified Silane
Appearance and colour	White paste
Specific weight	1.5Kg/l
Customs code	3909 5090
Operating temperature	From +10°C to +35°C
Open Time	35-50 Minutes
Adhesion Time	2-3 hours
Walking resistance	6/8 hours
Heavyweight resistance (depending on base)	24/48 hours
Supporting elasticity	Very Good
Resistance to aging	Very Good
Resistance to humidity	Very Good
Adhesion and cohesion (PVC, LVT, Rubber, Linoleum)	Excellent

SAFETY ADVICE

Keep away from babies and small children. Dispose of waste in containers suitable for building materials.

ADVISORY

The information contained in the data sheet, based on results of our long experience, are for information only. Therefore, those who intend to use it are required to assess whether the product is suitable for their use, and to assume responsibility for its use.

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