



ADHESIVA ECO 2K

TWO-COMPONENT
EPOXY-POLYURETHANE
ADHESIVE FOR PVC AND
RUBBER FLOORING



TECHNICAL DATA SHEET UPDATED 12/02/2026

Product Information

High-performance adhesive composed of a two-component polyurethane system (A + B), specifically developed for the installation of PVC and rubber flooring in both indoor and outdoor environments, on absorbent and non-absorbent substrates.

- + Low shrinkage and expansion
- + Free from water and solvents

Recommended Uses

- Shock-absorbing rubber flooring on asphalt and playground surfaces
- Homogeneous and heterogeneous PVC (sheets and tiles)
- Foam-backed and multi-layer PVC
- LVT (Luxury Vinyl Tiles)
- Semi-flexible Vinyl Composition Tiles (VCT)
- Carpet with all types of backing (latex, PVC and PU foam, natural jute, Action-Bac, etc.)
- Linoleum with various backing materials
- Polyurethane-based floors

Coverage

Consumption depends on substrate flatness and backing type. Estimated usage: 800–1000 g/m².

Application Instructions

Substrate Preparation

Substrates must be dry, flat, mechanically sound, and free from dust, release agents (waxes, paints, oils), or any substances compromising adhesion.

Moisture content must be:

- ≤2% for cement screeds
- ≤0.5% for gypsum/anhydrite screeds

Ensure absence of rising damp. Floating screeds over insulation and ground slabs must be protected with a vapor barrier.

Cement screeds with high moisture content, insufficient thickness or surface dusting must be treated with PRIMER PU.

For installation on existing floors (e.g. ceramic, marble), sand the surface to enhance adhesion and remove all residues. In cases of rising damp or persistently humid conditions, pre-treat with PRIMER SP, which also acts as an adhesion promoter and surface consolidator.



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Flooring Preparation

Bring floor coverings to the jobsite at least one day prior to installation to acclimate to ambient conditions.

Follow the manufacturer's guidelines for installation. Unpack or unroll material to reduce tension or creasing.

Apply the flooring while adhesive is fresh and wet: adhesive ridges should be compressed.

Eliminate air bubbles by pressing thoroughly to ensure full adhesive transfer. Avoid stressing the joints.

After several minutes, roll or press the floor again. For uneven areas, apply pressure using sandbags or similar weights.

Light foot traffic is allowed after approximately 24 hours.

Product Preparation

Add component B (hardener) to component A (resin) in a 9:1 ratio (by weight) and mix thoroughly for 2 minutes using a low-speed electric mixer (250–500 rpm) to prevent overheating.

Strictly adhere to the specified mixing ratio. Deviations will compromise curing performance.

Product Application

Trowel application – Apply in a single coat using a 2 mm notched trowel, directly on the surface. Proceed with the flooring installation.

Cleaning

Clean tools immediately after use with nitro thinner.

Packaging	PRODUCT CODE	WEIGHT	UNIT	PACKAGING	PCS/BOX
	20171	10	kg	Bucket	1

Technical Data	Base	Polyurethane system (A+B)
	Component A appearance	White thixotropic paste
	Component B appearance	Caramel-colored liquid
	Mixing ratio (by weight)	9:1 (9 kg A + 1 kg B)
	Specific weight – Component A	1.50 kg/l



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Specific weight – Component B	1.20 kg/l
Specific weight – Mixture A+B	1.45 kg/l
Viscosity – Component A	130,000 cps
Viscosity – Component B	200 cps
Application temperature range	+8 °C to +25 °C
Pot life	20–25 minutes
Open time	30–40 minutes
Adjustment time	50–60 minutes
Initial set time	2–2.5 hours
Light foot traffic	8–18 hours
Heavy traffic	3 days
Service temperature range	-30 °C to +70 °C
Elasticity on substrates	Good
Ageing resistance	Good
Moisture resistance	Excellent
Customs code	3909 5090

Warnings

- Always measure the moisture content of the substrate and flooring using suitable tools.
- Apply the adhesive only over areas that can be covered within the open time (40 minutes at 23 °C).
- Ensure adequate ventilation during installation.
- Do not apply in excessively humid environments.
- Do not install over fresh asphalt (wait at least 20 days).
- Do not apply over bituminous substrates prone to oil exudation.
- Do not apply on uncured or damp concrete.
- Do not use below +5 °C.
- Do not install on damp substrates unless properly pre-treated.



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Storage

The product is guaranteed in its original packaging under standard storage conditions (+5 °C to +35 °C / +41 °F to +95 °F) for 18 months from the production date. Store in a dry location, 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.
