

TECHNICAL DATA SHEET

REVISED: 19/10/2023

ADHESIVA ECO 2K

ADHESIVES FOR VINYL, LVT AND RUBBER FLOORINGS

ADHESIVES FOR SPORTS FLOORINGS



High-quality polyurethane adhesive using a 2-part blend (A + B) specifically for the fixing of flooring products in PVC and rubber for internal and external use on both absorbent and non-absorbent bases.

Suitable for:

- Cushioned flooring from recycled rubber on asphalt and play areas
- Pure and blended PVC tiles and flooring on the roll
- PVC with foam backing and on multi-layered backing
- LVT (Luxury Vinyl Tiles)
- 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

TECHNICAL FEATURES:

- + Low contraction and expansion
- + Solvent- and water-free

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 endure 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

Combine the thickening component (Part B) with the resin component (Part A) and carefully blend them together (1kg of B together with 9kg of A). The product should be properly combined after 2 minutes of mixing with a low-speed electric mixer (at 250/500 rpm).

Important: the ratio between the resin (Part A) and the thickener (Part B) should be strictly observed. Any deviation from this could compromise the effectiveness of the product.

APPLICATION OF 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 800-1000g/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 (40 minutes at +23°C)
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 +5 °C
9. Do not use in damp conditions or in areas which have not been treated for rising damp

PACKAGING

PRODUCT CODE	WEIGHT	UNIT	TYPE OF PACKAGING	PCS IN BOX
20171	10	kg	Bucket	1

STORAGE

The product is guaranteed in its original packaging, in standard conditions (+5 °C to + 35 °C), for 12 months from date of production. It is important to keep the product in dry conditions, away from heat sources and direct sunlight.

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PRODUCT TECHNICAL DATA

Base	2-Part Polyurethane (A+B)
Description of Part A	White thixotropic paste
Description of Part B	Brown-colour liquid
Mix Ratio	9:1 (A 9KG B1KG) TOT 10KG
Specific weight Part A	1.5Kg/l
Specific weight Part B	1.2Kg/l
Specific weight of blended A+B	1.45Kg/l
Viscosity Part A	130000 cps
Viscosity Part B	200cps
Application Temperature	Between +8°C to 25°C
Mixing Time	2 minutes
Open time	30-40 minutes
Working time	50-60 minutes
Adhesion time	2-2.5 hours
Walking resistance	8-18 hours
Heavyweight resistance	3 days
Operating temperature	Between -30°C to +70°C
Supporting elasticity	Good
Resistance to aging	Good
Resistance to humidity	Very Good
Customs Code	3909 5090

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.