

140 PU Pro

2-C PU UNIVERSAL ADHESIVE

PRODUCT DESCRIPTION

Highly durable, fast curing, water- and solvent-free, two-component adhesive for laying rubber floor coverings in tiles with rough backings, PVC- and recycled PVC floor coverings (tiles and panels), metal, ceramic, wood on absorbent and non-absorbent mineral-based subfloors, sanded mastic asphalt, wood composites, dry screeds which are permitted for floor covering and parquet installation.

Can be used on underfloor heating systems and on recommended Eurocol underlay. For indoor use only. Also usable in combination with wood paving.

Emission-tested construction product according to DIBt principles.

Very low VOC emission according EMICODE EC1 Plus R.
GISCODE RU 1



PRODUCT FEATURES

Two-component adhesive with shear resistant hardening with high shear strength.

High filling capacity and easy spreadable. No interaction with Eurocol lacquers and oils.
Water-resistant and useable for forklift traffic.

TECHNICAL DATA

Base	component A:	Polyurethan
	component B:	Isocyanate
Color	component A:	anthrazit
	component B:	brown
Density	mixture: 1,85 g/cm ³	
Texture	paste, easy to apply	
Cleaner	remove liquid spills with 815 Euroclean Handclean, 358 ToolCleaner. Remove dried parts mechanically!	
Processing conditions	non below 15°C on the subfloor minimum 18°C material- and room temperature	
	35 - 75% relative humidity, recommended <65%	
Ratio of Mixing	100 parts component A	
	15 parts component B	

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Euromix PU Pro

Pot life	approx. 8-10 hrs., depending on temperature	
Application	toothed comb, comb size depends on substrate, for parquet e.g. B3/ B11 (TKB) for resident floor coverings (PVC, rubber) e.g. A1/ A2 (TKB)	
Consumption	approx. 300 g/m ² - 1100 g/m ² depending on toothed comb	
Pot life/ installation time	approx. 70 minutes	
Curing time	approximately 8 – 10 hrs, at temperature 20°C	
Permitted shelf-life	18 month from date of production in unopened original canister	
Storage condition	packing to be tightly closed at a dry place, temperature 5 - 30 °C	
Sensitive to moisture	component A:	no
	component B:	yes
Sensitive to frost	no	
Code acc. to GHS	component A:	no
	component B	see safety data sheet
Environmental protection	GISCODE:	RU1
	EMICODE:	EC1 Plus R
	DGNB:	VOC 0 %, quality level: 4
	LEED:	0 g/l
	B: Contains: Isocyanate. May cause allergic reaction.	

FLOOR PREPARATION

Sub-floor must be permanently dry, crack and dust free and free from any contaminants which will affect bonding. He must have a good compression and tensile strength.
After rough grinding, joints must be closed with recommended Eurocol joint filler like 913 Europlan Silicat.

Clean thoroughly and apply the recommended Eurocol primer.
Holes must be filled with recommended Eurocol filling compounds, like 910 Europlan PU Duo.

For installation on metal, old ceramic, natural stone it is recommended to make a base cleaning with Eurocol base cleaner 891 Euroclen Basic and the surface to be sanded.

Any defects should be registered in writing.

APPLICATION

The hardener (component B) has to be added completely to base (component A). Mixing ratio is followed. Once fully added, stir the mixture for a minimum of 2 minutes until it becomes a homogenous mass. Do not use non-mixed elements from bucket sides, pour the mix into a second bucket and stir again.

Apply the mixed adhesive to the floor; do not leave the adhesive too long in the mix bucket. Use it within the pot life time.

The type of application of the adhesive depends on the surface of the subfloor and the kind of floor covering/ parquet, e.g. TKB/ A1/ A2, B3-B11-B13.

Keep a gap distance of 1.5 cm from the edge of parquet to the wall. Install the floor covering, the parquet on the fresh adhesive. Make sure of a full back-side bonding especially with tongue and groove parquet, allow no air spaces. Do not push any adhesive between the joints. It is recommended to weigh down the parquet

when installing longer elements. It is recommended to heavy roll the floor covering/ parquet after approximately 2 hrs.

Sanding and lacquering can be made after 24 hrs., low temperature can affect curing time.

The floor covering can be installed immediately after the adhesive has been applied on the well-prepared sub-floor. Ensure the adhesive to give good transfer to the back of the floor covering, otherwise use a coarser type of toothed trowel (e.g. A2 instead of A1).

After the floor covering has been installed, please do not walk on it during the next 2 h as reactive types of adhesive such as Eurocol 140 Euromix PU Pro tend to remain flexible within the first 2 hours.

Do not operate partial mixing

NOTES

Consider technical instructions and the safety data sheets of goods manufactured and/ or delivered by third party.

The adhesive is developed to have excellent bonding on virtually all types of wood. If in doubt always make a bonding test before applying on the whole surface.

When installing solid wood planks, bamboo, solid wood 10mm end grain on to underfloor heating, a Eurocol reaction primer like 021 Euroblock Reno LE is essential. To facilitate a good bonding onto reaction primers, it is recommended a sand blinding with Eurocol 846 Europlan Sand.

Only for commercial use!

PACKING

6,7 kg container (65/palette), included component B

13,4 kg container (52/palette), included component B

SPECIAL NOTES

Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed.

This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work.

The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions.

As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content.

As use, processing- and storage conditions on site are beyond manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties.

Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to be followed by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use. This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

Technical information and Material Safety Data Sheets of concomitantly used installation materials must be followed carefully.

The products delivered by the manufacturer are for professional use only. Keep away from children.

The manufacturer's terms and conditions are binding.

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