

Industrial Adhesives / Flooring Technology



ECOPUR KP11

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Technical Data Sheet

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Uses

ECOPUR KP11 is a solvent based adhesive for solid, tropical wood and vertically laminated parquet, for parquet strip and RE-type wood block paving on concrete and anhydrite subfloors, chipboards and mastic asphalt.

ECOPUR KP11 complies with DIN281.

Technical Data

The specified data refer to standard conditions (23 °C/50 % r.h.). Deviating room air conditions change the times.

Reaction data

| | |
|------------------------------|------------|
| Laying period approx. | 7 - 10 min |
| Load carrying capacity after | 72 hours |

Material data

| | | |
|------------------|-----------------------------|-----------|
| Density at 25 °C | 1550 ± 50 kg/m ³ | DIN 12791 |
| Colour | beige | |

Composition and properties

ECOPUR KP11 is a synthetic resin adhesive comprising additives and solvents. The ambient temperature influences the curing of the adhesive. At low temperatures the hardening delays, at high temperatures ECOPUR KP11 cures faster. In any case, the adhesive cures completely.

Requirements to the base

Observe DIN 18356. The base must be clean, dry, even and crack-free as well as pressure-proof with tensile strength. Grind dense surfaces. We recommend the preparation with our primer ECOPUR K11-Primer on absorbent subfloors.

Processing

As well the adhesives as the parquet and the subfloor should never be beneath the minimum temperature of +15 °C. Therefore, it is important to store the necessary laying materials for at least 24 hours in the temperature-conditioned room. Apply ECOPUR KP11 evenly to the surface using a serrated spreader. Do not allow pools of adhesive to form. Do not attempt to glue more than 1 m² at a time. Position the parquet immediately and gently tap down. Ensure that the parquet underside is completely covered with adhesive. Leave expansion gaps between the edge of the parquet and any walls.

Observe the laying instructions of the parquet manufacturer when processing.

Consumption:

| Application area | Consumption (g/m²) | Serration of the spreader |
|---|--------------------------------------|----------------------------------|
| Mosaic and 10 mm solid parquet | 800 - 1000 | B3 |
| Strip- and vertically laminated parquet | 1100 - 1200 | 23/48 |
| RE wood block paving | 1500 - 1800 | 23/47 |

Hazard notices and safety recommendations

Observe the general safety regulations when handling chemicals.

Symbol: F (Highly flammable)

R11 Highly Flammable. R67 Vapours may cause drowsiness and dizziness.

S9 Keep container in a well-ventilated place. S16 Keep away from sources of ignition – No smoking. S23 Do not breathe fumes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S29 Do not empty in drains. S33 Take precautionary measures against static discharges. S51 Use only in well-ventilated areas.

This product poses no hazard to health once it has dried and hardened.

GISCODE: S1

Order the safety data sheet for further information.

Packing:

| | |
|----------------------|----------------------|
| 8 kg-tin containers | 70 units per palette |
| 25 kg-tin containers | 33 units per palette |

Storage and shelf life: At least twelve months, for dry storage between 10 and 30 °C. When this time is exceeded, we recommend having the material checked by Minova CarboTech for compliance with specification

Disposal: Hardened adhesive residues can be disposed of via the household waste. Completely emptied tin containers can be disposed of via the KBS system. A list of the reception stations is available on request.

The data in this sheet conform to our best knowledge and experience at the date of printing, which is indicated below. The state of knowledge and experience are evolving constantly. Please pay attention therefore, that you always refer to the current version of this data sheet.

The description of the product application in this sheet cannot take the special conditions and circumstances into account emerging from the individual case. Please check our product therefore in any case prior to use for its aptitude in the actual application. Application, use and processing of our product occur outside of our control capabilities. That is why they as well as the processing result achieved based on our information are exclusively subject to your own responsibility.

No data in this sheet constitute a guarantee in a legal sense. It is clarified that our liability is limited to the contractual acknowledgements for the purchase of this product.

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