

CONSTRUCTION

CARBO PUR 11

ONE-COMPONENT ADHESIVE FOR THE LAYING OF MOSAIC



DESCRIPTION

CARBO PUR11 is a one-component parquet adhesive on a water-free polyurethane resin basis.

CARBO PUR11 is ready-to-use. Due to its thixotropic adjustment, it has an excellent spread and shows a very good scoring (according to Minova test specification MCT PV 10-501).

CARBO PUR11 hardens by reacting with the ambient humidity.



APPLICATION AND USE

CARBO PUR11 is a solvent free one-component adhesive for the laying of mosaic-, vertical lamella-, lam-, strip- and multi-layer parquet and for solid planks.

Suitable for floors with integrated floor heating.

ADVANTAGES

- Facilitates rapid, secure working
- Suitable for swell-resistant of woods that make high demands on adhesive techniques
- To be used on absorbent and non-absorbent layers
- Low emission values

TECHNICAL DATA

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

MATERIAL DATA

Parameter	Details	Standard
Viscosity	thixotropic	ISO 3219
Density at 25 °C	1300 – 1420 kg/m ³	DIN 12791-1
Colour	beige	-
Flashpoint	> 200 °C	DIN 53213

REACTION DATA

Laying period (23 °C)	approx. 45 minutes
Load bearing after	48 hours

MECHANICAL DATA

Parameter	Details	Standard
Tensile shearing strength after 3 days	3 – 4 MPa	DIN EN 14293

APPLICATION METHOD

1. Requirements to the base

The subfloor as well as the room climate need to be subject to DIN 18356. Subfloors must be absorbent, permanently dry, dust free, even, free of cracks, impurities and substances inhibiting adhesion.

Screed with integrated floor heating systems must be prepared with primer CARBO P-Grund10. Consider drying time of primer.

2. Laying

Use the serrated trowel to distribute CARBO PUR11 evenly to the base. Position the parquet and tap down. Choose the toothing that corresponds to the required layer thickness. Pay attention to a good wetting of the parquet rear. Leave a gap of 1 – 2 cm between wall and parquet flooring. No grinding and sealing with 48 hours.

Apply only at a processing temperature of 15 C–30 C and within an air humidity below 65%. Relock opened containers airtight and use as soon as possible.

3. Adhesive consumption

Application					
Mosaic parquet according to DIN-EN 13488	Vertical lamella parquet according to DIN-EN 14761	Lam parquet up to 10 mm according to DIN-EN 13227	Strip parquet according to DIN-EN 13226	Solid planks according to DIN-EN 13629	Multi layer parquet according to DIN-EN 13489
Trowel notch size					
TKB B3	TKB B5 TKB B10	TKB B5	TKB B5 TKB B11	TKB B12 TKB B15	TKB B5 TKB B12
Consumption 900g - 1800 g/m ² depending on subfloor and parquet					

4. Final product

The adhesion is good on various bases. The adhesive bond is shear-resistant, tough-elastic, shrinkage-free and tension-equalizing.

SAFETY INSTRUCTIONS AND LIMITATIONS

Observe the usual precautionary measures for handling chemicals, see MSDS.

If it is necessary to apply the adhesive in prevailing cold weather, then adhesive must be permitted to warm up to the adequate working temperature. Observe the instructions for installation provided by the flooring manufacturer as well as all other available standards and data sheets.

Avoid freezing.

PACKAGING AND TRANSPORTATION

All forms of packing are approved to the danger goods regulation road, railway, domestic shipping. The adhesive can be delivered in 14 l units. Other packaging units are available on request. Details are shown in the offer.

STORAGE AND SHELF LIFE

At least six months after delivery when stored in a dry place between 10 °C und 30 °C. When this time is exceeded, we recommend having the material checked by Minova for compliance with specification. Observe legal storage specifications (see safety data sheet).

DISPOSAL

Follow local regulations.

APPROVALS AND CERTIFICATES

1. **DIBt:** General approval of construction regulation Z-155.10-78 (DIBt, Berlin 2011)

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ADDITIONAL DOCUMENTATION

- MSDS of CARBO PUR11

LIST OF REPRESENTATIVES

- AUSTRIA: Minova MAI GmbH
- CZECH REPUBLIC: Minova Bohemia s.r.o.
- FRANCE / BELGIUM: Sales office Minova France / Belgium
- GERMANY: Minova CarboTech GmbH
- ITALY: Minova CarboTech GmbH Italy branch
- KAZAKHSTAN: Minova Kazakhstan LLP
- POLAND: Minova Ekochem S.A.; Minova Arnall Sp. z o.o.; Minova Ksante Sp. z o.o.
- RUSSIA: ZAO "Carbo-ZAKK"
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