

AURO Floor covering adhesive No. 382

Technical Data Sheet

Type of material: Dispersion adhesive made from natural rubber latex and natural resins, ready to use.

Intended purpose

Suitable for bonding the following materials indoors:

- Unsealed cork materials (piece goods and metre goods),
- Linoleum, composites based on linoleum and granulated cork,
- Granulated cork and cork-felt cardboard,
- Textile floor coverings (tiles and roll goods),
- Natural fibre carpeting with jute or natural latex backing, but not suitable for use in areas of damp rooms directly exposed to water (e.g. showers). Suitable for hot water floor heating up to 30°C; if necessary carry out a test application.

Technical properties

- Easy to use.
- Good adhesive power.
- Suitable for floors exposed to wear from castors.

Composition

Water, natural latex, colophony glycerol ester, linseed oil, milk casein, xanthane, benzisothiazolinone, sodium pyrrhione.

Natural products are neither odourless nor emission-free. May cause allergic reactions. Current full declaration on www.auro.de.

Colour shade: Whitish while wet, yellowish when dry.

Drying time in standard climate (20°C / 60% rel. air humidity)

- Air-off time: Moisture-vapour permeable coverings can be installed immediately. Wait for several minutes before installing less moisture-vapour permeable coverings such as cork or linoleum.
- Working time: 20 minutes max.
- Stress resistant: after 36 hours
- Final adhesive power: after 72 hours.
- The air-off, working and drying times may vary depending on the surface and type of covering. Preliminary tests and test applications are recommended.

Density Approx. 1.0 g/cm³.

Viscosity Pasty.

Thinner

The adhesive must not be diluted for bonding. If priming is required, the adhesive can be diluted with water at a mixing ratio of 1:2 up to 1:3 max.

Cleaning of tools: With water immediately after use. Then use AURO Plant soap No. 411* and water, if necessary.

Storage stability Store dry, cool, frost-free, in closed container, out of reach of children. Storage stability in unopened original containers: 12 months. Consistency fluctuations are possible due to the natural raw materials used and have no effect on the adhesive power.

Packaging material Polypropylene. Only recycle completely empty containers.

Disposal Dried product residues can be disposed of as construction or household waste. Liquid residues: EWC code 200128.

Attention

The respective standards and recommendations of the floor covering manufacturers must be observed, especially the German Construction Contract Procedures VOB DIN 18 352 or DIN 18 365. GIS code D 2. No hazardous good.

REMARKS

- The regulations of the floor covering manufacturers must be observed.
- The coverings must be acclimatised according to the instructions of the floor covering manufacturers prior to bonding.
- The room must be dry and have the right temperature. The air, floor and material temperature must amount to at least 15 °C, the ideal application temperature is 18-25 °C.
- The air humidity must not exceed 75% and should amount to at least 50%.
- The specified temperature and air humidity values must be maintained until the adhesive has obtained its final strength.
- It is absolutely necessary to avoid exposure to direct sunlight, moisture and draught during the application.
- Thoroughly remove any skin that may have formed, do not mix in.
- Apply the adhesive evenly to the entire surface. Avoid adhesive clusters.
- Only apply as much adhesive as can be used within the working time of up to 20 minutes max. The adhesive bed must still be damp when installing the covering (finger test) and must not have formed a skin.
- Do not allow adhesive stains, e.g. on the coverings, to dry on but remove immediately with a damp sponge and clean water.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates

Surfaces suitable for installing floor coverings according to the German Regulation for Assignments and Contracts in Construction Services (VOB): 18 365 for coverings on floors based on cement, anhydrite, mastic asphalt and magnesia as well as fibreboard and wooden materials, suitable for floor heating up to +30°C, but not in damp areas.

1.2 General substrate requirements

Substrate must be permanently dry, even, clean, compression-proof, vibration-free, free of joints, cracks and grease, chemically neutral, absorptive, sound and adhesive. All surfaces have a material-related equilibrium moisture content or residual moisture which must not exceed certain values during the installation. This is why moisture measurements with appropriate measuring devices and recordings according to DIN are required prior to installing floor coverings in order to prove the suitability of the surface.

2. APPLICATION

2.1 Substrate preparation

- All uneven surfaces must be levelled.
- Rising moisture is inadmissible.
- Preliminary tests must be implemented in case of highly absorptive surfaces as regards flash-off and drying times.
- It is absolutely necessary to carry out test applications on mastic asphalt due to its low absorptivity. It is recommended to apply a cement levelling compound.
- The unsound sinter skin on gypsum surfaces must be removed by sanding or brushing, and the sanding dust must be thoroughly removed by means of a vacuum cleaner.
- Surfaces must be prepared according to standard VOB/DIN regulations and the general surface requirements.
- Remove old coverings, brittle residues of adhesives and filling compounds entirely.

2.2 Basic treatment

- Check mineral substrates, such as e.g. cement levelling compounds, for neutrality.
- Priming of surfaces suitable for installing floor coverings according to VOB is usually not required; prime highly or irregularly absorptive surfaces and anhydrite screeds with diluted adhesive. The primer must not form a film on the surface and must have dried through prior to bonding.

2.3 Bonding of floor coverings

Apply the adhesive evenly to the entire surface.

2.3.1 Bonding of cork, cork based materials

Lay cork material into the adhesive bed, push it into place until it fits precisely applying slight pressure. Use a jointed roller or a rubber hammer to press it down onto the entire surface avoiding bubble formation. Allow the adhesive to achieve tack and roll over the surface again applying more pressure. Weight down trough-shaped boards. Carry out a test application in case of cork boards over 8 mm thick.

2.3.2 Bonding of linoleum

Embed the linoleum into the adhesive bed, thoroughly rub on and press down the entire surface by roller. The adhesive must be applied to the entire surface of the material's bottom side. Thoroughly rub the material's end and the material's edges again approx. 20 minutes after the installation, if necessary, weight down, until the adhesive has cured.

2.3.3 Bonding of textile coverings

Embed the coverings into the adhesive bed without flash-off time and push it into place until it fits precisely applying slight pressure. Then press down the entire surface avoiding bubble formation e.g. by means of a rubber roller. Cut roll goods to size allowing enough excess, lay the covering onto the entire surface in the room, fold it back in parts for bonding and rub crease-free starting in the middle. Then cut to size. In case of water-swelling fibres (e.g. jute, sisal), bond the covering and allow to dry before cutting to size.

	Sharp tooth spatula	Tooth offset	Approx. consumption	Material
Cork, cork materials	Fine A3	1,5 mm	0,25 kg/ m ²	Cork materials up to 6mm
	Fine A2	1,8 mm	0,35 kg/ m ²	Cork parquet from 6 mm
Carpet floor	Fine A3	1,5 mm	0,25 kg/ m ²	
	Fine A2	1,8 mm	0,35 kg/ m ²	Coconut, sisal with honey-comb back wool with jute or foam back
	Coarse B1	2,7 mm	0,5 kg/ m ²	Coconut, sisal with or without natural latex back; natural latex back
Linoleum	Fine A3	1,5 mm	0,25 kg/ m ²	For thinner qualities
	Coarse B1	2,7 mm	0,5 kg/ m ²	For all thicknesses

* See respective Technical Data Sheets.

The Technical Data Sheet gives recommendations and examples of possible use. No liability or other legal responsibility can be derived. Use of the advice does not create any legal relationship. The information provided is based on our present knowledge and does not exempt the user from his personal responsibility. The respective state-of-the-art practices must be observed when implementing coating work and the required preparations. The conditions on site and the product's suitability must be checked appropriately and professionally. With publication of a new edition this technical data sheet is no longer valid. Status: April 2020