

Fibre Adhesive EL 630



- > conductive
- > high initial adhesion
- > strong re-adhesive effect
- > extended working time



Product description

Electrically conductive dispersion adhesive with extended flash-off time and excellent initial adhesion.

The fibre-reinforced conductive adhesive reduces the residual indentation properties of elastic floor coverings to a minimum.

Indoor application for floor coverings.

For installation of:

- conductive PVC and synthetic rubber coverings in strips and tiles up to 2.5 mm
- conductive carpeting with jute, a synthetic underlay or latex back,
- conductive woven coverings, needle felt coverings and linoleum.

Suitable for underfloor heating and loads from chair castors.

Delivery format

Container	Outer packaging	Pallet
11 KG / KE	-	36 KE

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

Processing

Recommended tools

Notched trowel A2, B1, S1. Clean the tool with water or R 500 cleaning cloths after use.

Processing

Before laying conductive, elastic coverings, a conduction system must be installed on the prepared substrate, which must later be earthed by an electrician in accordance with regulations. This is done with sheet materials in the form of a grid-shaped conduction system made of copper strip KB 20.

When laying tracks, one copper strip in the middle is sufficient for each track in the longitudinal direction.

Both types of installation require a copper-loop ring main with a wall clearance of 25 cm, to which one connection point per 30 m² must be attached for potential equalisation. The reinforced after-adhesion effect also allows bonding to non-absorbent substrates such as epoxy. Please consult the technical department about this.

Laying the floorcovering:

Stir the adhesive well before use and apply evenly to the prepared substrate with a suitable notched trowel. Lay the covering to be laid immediately into the wet adhesive bed and rub in or roll well over the entire surface.

Technical data

Chemical base	Plastic dispersion
Density	1.3 g/cm ³
Colour	light grey
Consumption	approx. 250 - 350 g/m ²
Flash-off time	approx. 5-15 minutes depending on the climatic conditions
Final strength	after 3 days
Bleeder	$\leq 3 \times 10^{-5} \Omega$

Substrate

Suitable substrates

Suitable substrates:

absorbent, filled substrates

non-absorbent substrates (subject to the required flash-off time)

The substrate must be dry, frost-free, strong, load-bearing, dimensionally stable and free of dust, dirt, oil, grease, release agents and loose parts and in accordance with the applicable national and European technical regulations, standards and the "generally accepted rules of the trade".

Product and processing instructions

Material instructions:

- The material properties may change significantly when working outside the ideal temperature and/or humidity range.
- Bring materials to correct temperature before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water addition amounts or dilution instructions must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.

Environmental advice:

- Do not process at temperatures below +15 °C!
- The ideal temperature range for material, substrate and air is +15 °C to +25 °C.
- The ideal air relative humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting and hardening.
- Ensure sufficient ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect from direct sunlight, wind and weather!
- Protect adjacent components!

Tips:

- We highly recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.