

## ENERGY CONTACT ADHESIVE

- > Ideal for UFH installations
- > ready for processing
- > solvent-free
- > for indoor and outdoor use



### Product description

Ready-to-use, pasty, solvent-free adhesive.

Indoors and outdoors. For gluing, Gypsum, XPS, Unitop and a Various UFH panels. Can also be used for the adhesion of a full heat protection insulation system.

#### Delivery format:

Container	Outer packaging	Pallet
25 KG / KE		24

#### Storage:

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

### Processing

#### Processing:

Stir Murexin Energy Contact slightly and apply to the substrate with a notched trowel (3mm notch). Then insert, adjust and press down the panels.

### Technical data

Consumption	approx. 1 kg for smooth, even substrate
Open time	approx. 30 min.
Layer thickness	up to max. 4 mm
Water consumption	none
Complete hardening	after approx. 3 days

### Substrate

#### Suitable substrates:

Plain XPS, Cement coated XPS (Not suitable on aluminium coated XPS)

Concrete, Screed, plywood (Flooring grade)

Chipboard (P4,P5,P6,P7 Non moisture impregnated)

Unitop, UNI-HEAT, Thermo-top

55010, ENERGY CONTACT ADHESIVE, valid from: 26.05.2020, Magdalena Riegler, Page 1

## Colour and Coating System

### Thermal insulation systems

#### Plasterboards and gypsum plasterboards (pre-treatment required)

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents and loose parts, and it must comply with the applicable technical national and European directives, standards and "generally accepted rules of the trade".

## Product and processing instructions

### Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.
- The colour formation is significantly impacted by the environmental conditions.
- Before each further coating, a pot life of min. 2-3 days (depending on the temperature and air humidity) is to be kept. It is especially important that the coating produces a uniform, dry appearance without wet patches (dark spots on the facade).
- Facade insulation panels which have been exposed to UV radiation for more than two weeks (yellowed panels) may not be smoothed; you must first grind and dedust again.

### Environmental information:

- Do not process at temperatures below +5 °C!
- The air, material and substrate temperature must be +5 °C during processing and the setting process.
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect facade from direct sunlight, rain and strong wind (e.g. via scaffolding protection net).
- Protect adjacent components!

### Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- 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

### Limiting and monitoring exposure

#### Personal protective equipment:

##### General protection and hygiene measures:

- Keep away from foodstuffs, beverages and feedstuffs.
- Take off contaminated, impregnated clothing immediately.
- Wash your hands before taking breaks and when finishing work.

##### Breathing protection: not required.

##### Hand protection: protective gloves.

##### Glove material

- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

##### Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

##### Eye protection: Protective goggles recommended when decanting.

##### Body protection: protective clothing.

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 **55010, ENERGY CONTACT ADHESIVE, valid from: 26.05.2020, Magdalena Riegler, Page 2**

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](http://www.murexin.com).