

JOINT ACRYLIC AC 10

- > excellent to process
- > re-coatable
- > solvent-free



Product description

Ready-to-use single-component sealant based on acrylate. Water soluble, light-fast, low odour, solvent and phthalate free. For filling joints and cracks indoors and outdoors on plaster, concrete, masonry, gypsum plasterboard, wood and chipboard, stone, absorbent ceramic, aluminium and corrosion-protected metals where only small movements can occur. Not suitable for wet loading.

Delivery format:

Container	Outer packaging	Pallet
310 ML / KTU	12	936

Storage:

Can be stored frost-free, cool and dry on wooden shelves in unopened original container: 730 days

Processing

Recommended tools:

Manual or compressed air gun

Processing:

First, the plastic nozzle is to be unscrewed and the upper part of the thread cone cut off. The nozzle is cut to size depending on the joint width. Apply the compound to the joint with a manual or compressed air gun. Subsequently smooth the joint with water and wetting agent or burnisher. After complete hardening, the material can be recoated with standard dispersion colours, although the different absorbencies of the substrate can lead to different colour shadings.

The material must be protected against rain and mechanical loads until fully hardened. Prevent the penetration of dust and dirt into the surface.

Technical data

Density	approx. 1.62 g/cm ³
Full hardening	1-2 mm per day
Consumption	approx. 12.5 sqm for a 5 mm x 5 mm joint
Elongation at break	150 %

50300, JOINT ACRYLIC AC 10, valid from: 09.11.2020, Magdalena Riegler, Page 1

Colour and Coating System

Skin forming time	approx. 10 min.
Shore-A hardness	approx. 35 - 40
Processing temperature	approx. +5 °C to +40 °C
permissible total deformation	10 %

Substrate

Suitable substrates:

Lime cement and cement plasters P Ic; P II; P III
Lime cement and cement plasters P II & P III
Gypsum and ready-mix plasters P IV & PV
Plasterboards and gypsum plasterboards
Concrete, aerated concrete
Exposed masonry
Weight-bearing old coats

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".

For a perfect system

System products:

Murexin Deep Primer LF 14, Murexin Joint Acrylic AC 10

Description:

Murexin Deep Primer LF 14 undiluted for pre-treatment of porous and absorbent substrates. Alternatively 1 part of Murexin Joint Acrylic AC 10 can be used diluted with 2 parts water as an undercoat.

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.

Environmental information:

- Do not process at temperatures below +5 °C!
- 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 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.

50300, JOINT ACRYLIC AC 10, valid from: 09.11.2020, Magdalena Riegler, Page 2

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:

- Common safety measures for handling chemicals are to be observed.
- 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 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.