

Colour technology

## JOINT ACRYLIC AC 15



- > contains no organohalogen and organotin compounds
- > solvent-, phthalate-, glycol-, APEO-, isocyanate- and silocon-free
- > fulfils RAL UZ 123 (Blue Angel)
- > re-coatable
- > permissible total deformation up to 15%

### Product description

Ready-to-use single-component sealant on acrylate base with improved elasticity. 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. Especially suitable also for connection joint sealing of frames of wood and metal windows, for shutters, indoors and outdoors window banks, aerated concrete, concrete and wooden elements, and dividing walls. Not suitable for permanently wet loads.

### Delivery format

Container	Outer packaging	Pallet
12 STK / KTU	12	936 KTU

### Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 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. 1.55 g/cm <sup>3</sup>
Colour	white
Consumption	approx. 12.5 sqm for a 5 mm x 5 mm joint
Skin forming time	approx. 15 min.
Full hardening	2 - 3 mm per day
Shore D hardness	approx. 25
Elongation at break	250 %
permissible total deformation	15 %
Processing temperature	approx. +5 °C to +35 °C

## Test certificates

### Tested in accordance with (standard, classification ...)

EN 15651

RAL UZ 123 (Blauer Engel)

EUH208: Enthält 1,2-Benzisothiazolin-3-on.

Kann allergische Reaktionen hervorrufen.

EUH210: Sicherheitsdatenblatt auf Anfrage erhältlich.

Für Kinder unzugänglich aufzubewahren.

Während der Verarbeitung und Trocknung für gründliche Belüftung sorgen.

Essen, Trinken und Rauchen während des Gebrauchs des Dichtstoffes ist zu vermeiden.

Bei Berührung mit den Augen oder der Haut sofort gründlich mit Wasser abspülen.

Nur restentleerte Gebinde zum Recycling geben.

Materialreste können eingetrocknet als Hausmüll entsorgt werden.

Produkt enthält 1,2-Benzisothiazol-3(2H)-on.

Kann allergische Reaktionen hervorrufen.

Sicherheitsdatenblatt auf Anfrage erhältlich.

Information für Allergiker unter

Telefon-Nr. 0043 2622 27401 161

## 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

### Description

Murexin Deep Primer LF 14 undiluted for pre-treatment of porous and absorbent substrates. Alternatively 1 part of Murexin Joint Acrylic AC 15 can be used as an undercoat diluted with 2 parts water.

## 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.

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. As the product is a preparation made up of many substances, the resistance of glove materials cannot be predicted in advance and must therefore be checked before use.

#### 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: not required.

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.

## Colour technology

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).