

## AQUA BLOCKING INSULATION COLOUR IF 3000



- > insulates nicotine, lignin and soot marks
- > segregates dried coffee and water marks
- > solvent-free
- > odourless and non-splash
- > excellent permeability

### Product description

Abrasion-resistant, water-based isolating paint for covering nicotine, coffee and soot spots, as well as lignin and water stains, both indoors and outdoors. For insulating coatings on wall and ceiling surfaces on mineral substrates, as well as wood, non-ferrous metals and rigid PVC, both indoors and outdoors. Wet abrasion: Class 1.

Tip: Can be used as an adhesive and top coat on a variety of problematic substrates.

#### Delivery format:

Container	Outer packaging	Pallet
20 KG / KE		24
5 KG / KE		85

#### Storage:

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

### Processing

#### Recommended tools:

Roller, brush, airless sprayer.  
Wash the tools with clean water after use.

#### Processing:

Murexin Aqua Block Isolating Colour IF 3000 can be applied by painting, rolling or spraying (also airless). Depending on the degree of contamination, 1-2 work steps may be required. The product can be diluted with water, for optimum block effect we recommended undiluted application.

Aqua isolating colour already provides a fully-fledged topcoat, however after approx. 8-12 h it can be reworked with water-dilutable dispersion paints. For a second insulation coating with Murexin Aqua Block Isolating Colour IF 3000, a drying time of approx. 24 hours is required. Earlier application leads to the watersoluble colours dissolving again.

For airless processing, we recommend diluting Aqua Block Isolating Colour IF 3000 with max. 10% water and working at a feed pressure of approx. 150 bar and use of a 0.021" nozzle.

## Technical data

Dilution	For slight discolourations, dilution with max. 10% water is possible. Apply undiluted for optimum insulation effect.
Density	1,44 kg/l
Colour	White; can be coloured with full-tone, base and shaded colours and in colour shade group 1 via Murexin MIX system.
Gloss level	matt
Consumption	approx. 150 - 200 ml/m <sup>2</sup> per coat
Wet abrasion class	Class 1
Coverage	Class 2; at 8 m <sup>2</sup> /l coverage
Whiteness	73 (as per Berger)
Drying time	after approx. 4 - 6 hrs. surface dry; after approx. 24 hrs. second coat with IF 3000 or after approx. 8 hrs. Coating with watery dispersion colour.
Granulation	fine

## Test certificates

Tested in accordance with (standard, classification ...)  
ÖNORM EN 13300

## 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 Dispersion colours

### Description:

MUREXIN Deep Primer LF 14 for pre-treatment of sandy and absorbent substrates. Murexin Dispersion colour for coloured reworking of isolating paint.

### 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.
- Carefully open the container, remove possible dry parts and shake the product well!
- Water-based systems have only a limited shelf life after dilution with water, which is why quick processing is recommended.
- Always work wet-in-wet to prevent deposits.
- The final wash or abrasion resistance is reached after approx. 28 days.

#### 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.
- When using intensive, brilliant and dark colours, we recommend using the colour qualities of wet abrasion class  $\leq 2$  in at least "satin finish" (gloss level  $>15/60^\circ$  MW) and first equalising the substrate in "white".
- In case of side lighting, we recommend using colour qualities of wet abrasion class  $\leq 2$  in "dull matt" (gloss level  $<5/85^\circ$  MW).

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: Only when spraying without sufficient extraction.

Hand protection: Protective gloves or skin protection cream.

#### 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: safety goggles.

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