

Coating technology

## COLOUR DEEPENER FV 90

- > weather-resistant and yellowing-free
- > colour-deepening effect
- > makes colour and structure appear very intense



### Product description

Ready-to-use colour deepener for polished, sanded, and natural stone. This penetrates into the pores of the stone and intensifies the natural colouring. The treated surface becomes easier to care for and less sensitive, and thus protects against stains and dirt.

To improve the appearance (especially colour and structure) and care of natural stones and to revitalise other cementitious surfaces such as cement joints.

### Delivery format

Container	Outer packaging	Pallet
1 L / BKA	6	360 BKA

### Storage

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

### Processing

#### Recommended tools

Brush, lambskin foil.

#### Processing

Apply colour deepener evenly with brush or lambskin roller. Avoid the formation of foam and puddles.

### Technical data

Density	approx. 0.9 g/cm <sup>3</sup>
Consumption	1 litre is sufficient for approx. 10 m <sup>2</sup>
Drying time	approx. 60 min
Processing temperature	+5 °C to +25 °C
Appearance	transparent yellow

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## Substrate

### Suitable substrates

Requirements for mineral substrates:

the substrate must be dry, stable, and free of separating, intrinsic, and dissimilar substances, pursuant to the IBF Directive for industrial substrates made of reaction resin. Residual moisture max. 4 % by weight, measured with the CM device. Substrate temperature greater than 12 °C and 3 K above dewpoint; average adhesive tensile strength 1.5 N/mm<sup>2</sup>; adhesive tensile strength smallest value 1.1 N/mm<sup>2</sup>

All absorbent concrete as well as natural stones, such as granite, limestone, Solnhofener slabs, sandstone, artificial stone such as exposed aggregate concrete, etcetera are suitable.

## Product and processing instructions

### Special information:

The areas to be treated must be dried out (for thick-bed laying up to 3 months drying time!) and cleaned. Do not use in direct sunlight. After application of the colour deepener the original status cannot be restored - sample areas are, therefore, highly recommended!

### Material information:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The environmental conditions significantly influence colouring.

### Environmental information:

- Do not process at temperatures below + 5 °C!
- The ideal temperature range for material, substrate, and air is +15 °C to +25 °C.
- The ideal relative air 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 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

Please refer to the safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions, and disposal.

Limiting and monitoring exposure Personal protective equipment:

General protection and hygiene measures:

- The usual precautionary measures when handling chemicals must be observed.
- Keep away from foodstuffs, beverages, and feedstuffs.
- Immediately take off dirty, soaked clothing.
- Wash your hands before taking breaks and when finishing work.
- Avoid contact with the eyes and the skin.

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### Breathing protection:

- Breathing filter device for short-term or low load; for more intensive or longer exposure use a self-contained breathing apparatus.

Hand protection: protective gloves.

### Glove material

- Butyl rubber
- Nitrile rubber

- 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: Tightly-sealed safety goggles.

Body protection: work protection clothing.

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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).