



Colour Intensifier

Technical Document

Characteristics:

AKEMI Colour Intensifier is a ready-to-use, solvent-based, special impregnation containing reactive modified silicates. The product penetrates into the pore system of the stone. A polysiloxan results from the catalytic reaction. In addition, a reaction with the siliceous substance of the stone takes place.

The product is distinguished by the following qualities:

- intensifies the natural colour and structure of the stone without lustre
- water and dirt resistant effect
- does not form a layer on the surface of the stone
- allows the stone to breathe
- excellent weather resistance and durability
- non-yellowing
- no odour nuisance during application
- for indoor and outdoor use
- after being hardened tile product is harmless to health upon contact with food products — certified by the ULGA Nurnberg



Field of Application:

For the treatment of rough, porous, sawed, ground, absorbent natural and cast stones (e.g. marble, slate, lime stone, granite, gneiss and concrete ashlar). There is a good durability of colour enhancement on lime based stones and a very good durability of colour enhancement on silicate based stones.

Instructions for Use:

1. Cleaning: the surface must be clean, totally dry and free from all residue. Take care outdoors that the stone does not contain any detrimental salts (nitrates, sulphates, chlorides) because these can reduce the absorption of the impregnating material. Depending on the type of stone and the degree of soiling, the following products can be recommended, please pay attention to our care recommendations as well as our specification sheets: AKEMI Stone Cleaner, AKEMI Concrete Film Remover, AKEMI Rust Remover, AKEMI Algae and Mildew Remover, AKEMI Wax Stripper, AKEMI Oil- and Grease Remover Paste and AKEMI Graffiti Remover. Rinse well with water without fail after cleaning. Before the stone is given its protective treatment, it must be totally dry. As a rule, this is the case after 1- 2 days at the earliest. Optimal working temperature is 15-25°C (59-77°F). Insure protection from rain for approx. 4-5 hrs.
2. Apply undiluted with a brush, paint roller or spraying device. Apply a thin, smooth layer, allowing sufficient time for the product to be absorbed into the stone.
3. Approx. 10-15 mm. after application respectively when the product starts to dry, distribute once more evenly or remove the excess totally with an absorbent cloth.
4. On very absorbent surfaces, several applications may be necessary.
5. Tools can be cleaned with AKEMI Nitro-Dilution
6. For regular cleaning use AKEMI Stone Soap.

Special Hints:

- Not suitable for glazed or non-absorbent surfaces. Limited applicability on fine ground or polished surfaces.
- Polished surfaces must be re-polished until the haze on the surface is completely removed.





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- The grade of colour enhancement depends on the kind of stone. The deepening result on dark stones is more intensive than on light stones.
- Testing on a sample area is recommended.
- Use AKEMI Liquid Glove to protect your hands.
- If stored at a temperature less than 15°C (59°F), the product becomes cloudy. When the product adjusts to a temperature of 25°C (77°F), it will become clear again.
- Protect all surrounding areas sensitive to solvents (e.g. various synthetic materials, rubber, lacquered parts).
- For adequate waste disposal container must be completely emptied.
- On some natural stones like e.g. Nero Assoluto or Nero Impala the stone- inherent structures may be stronger intensified than the residual stone surface if treated with AKEMI Colour Intensifier. This might be seen as staining, however, the colour intensification is not a product defect but is attributed to the characteristics of the stone.



Coverage: approx. 10-20 m²/litre

Colour: water-clear

Density: 0.78 g/cm³

Shelf life: 1 year approx. if stored in a cool place in its tightly closed original container.

Safety Measures: see EC Safety Data Sheet

Notice: The above specifications were made in accordance with the present-day stage in development and the application technology research of our firm. Because the ways and means of application are beyond our control, the manufacturer cannot be made liable for the contents of this specification sheet.