
Technical Instruction Sheet

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Characteristics:

FERROLIT Colour Enhancer Extreme is a ready to use, solvent-based, special impregnation containing reactive modified siloxanes. It is absorbed by the pores through the capillary forces of the stone. A polysiloxane 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 fine ground and polished stones
- maintains the lustre of the polish
- 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
- prolonged working time
- water and dirt resistant effect

Field of Application:

For the treatment of fine ground and polished absorbent natural and artificial stones, e.g. marble, slate, Solnhofer lime stone, sandstone, granite, gneis or concrete ashlar. The product is especially suited for dark and black absorbent stones (e.g. Nero Assoluto, Impala black, Galaxy and Zimbabwe black). Damaged areas (e.g. hairline cracks) can be treated with FERROLIT Colour Enhancer Extreme. The surface thus obtains a homogeneous appearance. There is a very good durability of colour enhancement on silicate based stones and a good durability of colour enhancement on lime based stones.

Instructions for Use:

1. Cleaning: The surface must be clean, totally dry and free from all residues. Insure that outdoors stone does not contain any detrimental salts (nitrates, sulphates, chlorides) because these can reduce the absorption of the impregnating material. Rinse all surfaces well with water after cleaning. The stone must be completely dry (1-2 days) before treating with Darkener Super. Optimal working temperature is 15-25°C (59-77°F). Ensure protection from rain for approx. 24 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 min. after application, remove the excess totally with an absorbent cloth.
4. On very absorbent surfaces, several applications may be necessary.
5. Tools can be cleaned with nitro dilution.

Special Hints:

- Not suitable for glazed or non-absorbent surfaces.
- Polished surfaces must be re-polished until the haze on the surface is completely removed.
- The degree 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.

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- Ensure sealing of the reverse side and lateral surfaces of the stone, so that rising moisture cannot penetrate into the stone.
- Special protective measure in case of spray application: avoid formation of aerosols and risk to third parties. Do not breathe vapours (protective mask).
- 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-imminent structures may be stronger intensified than the residual stone surface if treated with FERROLIT Colour Enhancer Extreme. This might be seen as staining, however, the colour intensification is not a product defect but is attributed to the characteristics of the stone.

Technical Data:	Coverage:	approx. 10-20 m ² /litre
	Colour:	slightly turbid
	Density:	0.84g/cm ³
	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 information is based on the latest stage of our development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trials of the product, in an inconspicuous area or fabrication of a sample piece.

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