FLAG STONE FIX
STONE CARE EXPERTS

ZYAX GROUP

Technical Data Sheet (TDS)

MODIFIER PLUS

PRODUCT DESCRIPTION

MODIFIER PLUS is a ready-to-use, solvent-based, special impregnation based on 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.

SPECIAL FEATURES

Theproduct is characterized by the following properties:

- Intensifies the natural colour and structure of flamed and brushed, satin, fine ground and polished stones
- very fast evaporation of solvents
- very fast entry of colour intensification
- very high spreading rate
- 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
- after being hardened the product is harmless to health upon contact with food products; certified by an external German testing institute
- low odour
- for indoor and outdoor use
- water- and dirt-resistant e ect
- emission class A+(confirmed by an external testing institute)

APPLICATION AREA

For the treatment of polished, honed, satin, fine ground and flamed and brushed surfaces of naturalstone and artificial stone, e.g. marble, slate, Solnhofer lime stone, sandstone, granite, gneis, concrete ashlar or quartz. The product is especially suited for dark and black stones (e.g. Nero Assoluto, Impala black, Galaxy and Zimbabwe black). Damaged areas (e.g. hairline cracks) can be treated with Flagstone Fix. 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

Disregardingthe processing guidelines can lead to irreparable damage!

1. Cleaning: The surface must be clean completely dry and free from all layers. Depending on the type of stone and the degree of soiling, the following Flagstone Fix products are recommended: Stone Cleaner, Concrete Film Remover, Rust Remover, Wax Stripper, Algae and Moss Remover, Wax Stripper, Oil and Grease Remover Paste, Gra ti-Remover. Please pay attention to the respective technical data sheets. Rinse all surfaces well with water after cleaning. The stone must be completely dry (1 - 2 days) before treating with Transformer MAX. Optimal object temperature is 15 - 25°C (59 77°F). Ensure protection from rain for approx. 24 hrs. The surface must not be warmed up either by an underfloor heating or solar radiation.
2. Apply undiluted with a brush, mop or spraying device. Apply a thin, smooth layer, allowing su cient time for the product to be absorbed by the stone.
3. Approx. 5 - 10 minutes after application, remove the excess totally with a soft and absorbent cloth. To increase the colour intensification on low absorbent stones, the product may be allowed to react for up to 60 minutes.
4. On very absorbent surfaces, several applications may be necessary in an interval of 1 to 2 hours.
5. Tools can be cleaned with Flagstone Fix Nitro Thinner.
6. For regular cleaning, use Flagstone Fix Mild Stone Soap or Crystal Clean.

SPECIAL NOTES

- For professional use only
- Special protective measure in case of spray application: avoid formation of aerosols and risk to third parties. Do not breathe vapours (protective mask).
- Ensure sealing of the reverse side and lateral surfaces of the stone, so that rising moisture cannot penetrate into the stone. In this context we recommend the use of Flagstone Fix Anti-Stain Coating to seal the reverse side and the lateral surfaces.
- Not suitable for glazed or non-absorbent surfaces.
- Treatment of smaller surfaces (< 0.5 m^2) is recommended due to the short evaporation time of the solvent.
- 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 then on light stones.
- Testing on a sample area is recommended.
- Product which has been inaccurately applied can possibly be removed with Flagstone Fix Impregnation Remover.
- Protect all surrounding areas sensitive to solvents (e.g. various synthetic materials, rubber, lacquered parts).

FLAGSTONE FIX
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The product is characterized by the following properties:

- For proper waste disposal, the 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 MODIFIER PLUS. This might be seen as staining, however, the colour intensification is not a product defect but is attributed to the characteristics of the stone.
- Recycling in accordance with the guidelines of EU Decision 97/129 EC on the Packaging Directive 94/62/EC.

TECHNICAL DATA

Coverage:	approx. 30 - 50 m^2/liter on polished surfaces
Colour:	slightly turbid
Density:	0.89 g/cm^3

STORAGE

If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 24 months from production.

HEALTH & SAFETY

Read Safety Data Sheet before handling or using this product.

IMPORTANT NOTICE

The above information is based on the latest stage of development and application technology. Due to a multiplicity of di erent 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 trails of the product, in an inconspicuous area or fabrication of a sample piece.

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