



FLAG STONE FIX
STONE CARE EXPERTS



Technical Data Sheet (TDS)

FS DARKENER PLUS X

Colour intensifying stain-resistant protection for marble

DESCRIPTION

FS Darkener Plus X is a ready-to-use, solvent-based stone impregnator formulated with modified silanes to deeply penetrate natural stone surfaces. It enhances colour and provides a rich, wet look, while offering excellent oil, water, and stain repellency. Durable and breathable, it is suitable for both indoor and outdoor use on granite, silicate-based stones, lime-based stones, and dark-coloured stones.

KEY FEATURES

- Enhances and enriches surface color with a durable wet-look finish
- Deep penetration for long-lasting stain resistance
- Provides oil and water repellency while allowing substrate breathability

APPLICATION AREAS

- Indoor/outdoor
- Granite
- Silicate-based stones
- Lime-based stones
- Dark colored stones

COVERAGE ESTIMATES

Approximately 10–25 m² per litre, depending on substrate porosity

STORAGE AND SHELF LIFE

FS DARKENER PLUS X has a shelf life of 2 years when stored in the original container in a cool and dry place.

APPLICATION GUIDELINES

Surface preparation:

- Remove any dirt, debris, oils, waxes, epoxies, or existing coatings.
- Wash and dry the surface to remove any salts (nitrates, sulphates, or chlorides) that may prevent impregnation.
- For extremely filthy or covered substrates, employ mechanical cleaning or specialty stone cleansers.

Application Method:

- It is strongly advised to perform a patch test to assess any changes in surface appearance and confirm the impregnator's effectiveness.
- Apply FS Darkener Plus X with a fully loaded brush, roller, or mop, ensuring the entire surface is thoroughly wetted.
- Allow the surface to remain saturated with the solution for approximately 60 minutes, then remove any excess liquid with a sponge.
- Maintain adequate ventilation throughout the application process.
- The total curing period ranges from 48 – 72 hours, depending on temperature, humidity, and other environmental conditions.

TECHNICAL INFORMATION

Appearance	Mostly clear liquid
Odor	Mild
Density	0.9 ± 0.1 g/cm ³
pH	Approx. 7.0

CAUTION

- Always wear appropriate protective equipment throughout the application process.
- FS Darkener Plus X does not offer protection against strong acids.
- Severely deteriorated surfaces must be resurfaced before application.

FLAGSTONE FIX
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