



FLAG STONE FIX
STONE CARE EXPERTS



Technical Data Sheet (TDS)

DENSI SHIELD 200

PRODUCT DESCRIPTION

Densi Shield 200 is specially designed ready-to-use, water-based, densifier for application on stone surfaces to make them stronger, harder and denser. The 4 different active materials react with the minerals of the stone in the presence of moisture and generates new material inside the stone surface. The new material cross-links and fills all the pores and cracks. Densi Shield 200 is applied after 200 grit grinding. Mohs hardness improvement from scale 3 to 5 and Absolute hardness increases from 9 up to 40.

ADVANTAGES

- Increase in density
- Increase in hardness
- Increase in abrasion resistance
- Increase in salt resistance
- Increase in water and stain repellency
- Increase in gloss
- Retaining gloss for longer time
- Highly durable
- Eco-friendly

APPLICATION AREAS

- Natural stones like marble, limestone, terrazzo, travertine, etc.
- Indoor and outdoor
- Industrial and commercial
- Residential

COVERAGE ESTIMATES

3 - 5 m² per liter (varies according to porosity of surface and nature of substrate)

STORAGE AND SHELF LIFE

Densi Shield 200 has shelf life of approximately 1 year from the date of manufacture when stored in cool and dry condition.

TECHNICAL INFORMATION

Density	1.10 - 1.20 g/cm ³
pH	10 - 12
Solid Content	20%
Active Content	100 % of total solids
Freeze Point	Less than 0 °C
Flash Point	Non-Flammable

APPLICATION

Surface Preparation

- Surface to be strengthened should be clean and free of dust, oil and sealers
- Temperature should be higher than 4°C
- Proper ventilation should be maintained at all times
- Cover adjacent areas to avoid contact with densifier

Procedure

- Apply liquid via mop or sponge on areas to be treated
- Spread using soft cloth or sponge evenly on the area
- Reapply liquid until saturation reached
- Let area dry for 24 hours before continuing polish and further treatment
- Multiple applications may be required for softer stones

MAINTENANCE

Densi Shield 200 is not a sealer and will not prevent oil and dust to penetrate. Regularly clean the treated surfaces.

CAUTION

- Proper protective equipment should be used during application
- In case of contact with eyes or skin, rinse thoroughly with water
- Do not inhale

FLAGSTONE FIX
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