

CS BARRIER

Surface Protector



CHARACTERISTICS:

CS Barrier is a ready-to-use solvent-based stone impregnator that provides a durable, subsurface, transparent, protective barrier against oil and liquid on stone, tile and grout surfaces. It is specially designed for low-porosity stone, unglazed tile, grout, terracotta. It provides oil and water repellency, stain resistance and easy clean up.

ADVANTAGES

- Durable
- Easy penetration on low porosity surfaces
- Stain resistance
- Oil and water repellency
- Easy stain cleanup
- No significant color alteration of stone
- Can be used on both polished and unpolished stone

PERFORMANCE COMPARISON

Treatment	Oil Repellency	Water Repellency	Stain Resistance
CS Barrier	Excellent	Excellent	Excellent
Silicone (solvent)	Poor	Excellent	Poor
Untreated	none	none	Very poor

Note: Performance is affected by nature of stone. Patch test highly recommended

APPLICATION AREAS

- Indoor/outdoor
- Granite
- Marble and limestone
- Onyx and travertine
- Flagstone
- Ceramic
- Recommended for areas prone to food and liquid spills

COVERAGE ESTIMATES

Approximately 10 – 25 m2 per liter. Usage depends on porosity of surface being treated.

STORAGE AND SHELF LIFE

CS Barrier has a shelf life of 1-2 years when stored in original container in a cool and dry place.

APPLICATION INFORMATION

Surface preparation

- Surface should free of dirt, debris, oil and other loose particles
- Wax, epoxy or anything coatings should be removed before application
- Surface should be washed and dried in order to remove salts like nitrates, sulphates and chlorides as they can reduce porosity of the surface and result in incomplete impregnation (inquire for specialty cleaning products for natural stone)

Application

- Patch test highly recommended to evaluate any appearance changes of the surface, examine efficacy of the impregnator
- Use a saturated brush, roller or mop to apply CS Barrier to thoroughly wet the surface to be treated.
- Make sure the surface is saturated with the liquid for about 15 – 30 minutes, and then wipe off the remaining liquid with a sponge.
- Ensure sufficient ventilation is maintained during the course of application
- Total curing time is minimum 72 hours depending on temperature, humidity and other atmospheric conditions

TECHNICAL INFORMATION

Appearance	Yellowish clear liquid
Odour	Mild
Density	0.9 ° 0.1 g/cm3

CAUTION

- Proper protective equipment should be used at all times during application
- CS Barrier does not protect stones from strong acid
- Do not use on surfaces on which adhesives are going to be applied
- Extremely worn out surfaces to be resurfaced before application