

One component silane-based impregnating and varnish for concrete surfaces

DUROSMART FLOORPROTECT S is a ready to use, one component, moisture curing clear coat with exceptional performance in a multitude of applications. It has excellent water, chemical, heat and spot resistance.

AREAS OF USE

- Industrial floors
- Car parks
- Grinded or polished decorative floors
- Impregnation of concrete surfaces
- Thin-layer coating, topcoat.
- Final protective layer

TECHNICAL FEATURES

- Watertight but vapor permeable
- Oil and alkali-resistant without stain
- Resistant to most of the acids
- Heat resistant
- Easy to clean, non-slippery
- Aesthetic, shiny, wet-look surface
- Easy to apply
- Excellent interlayer adhesion
- Color version available on demand

TECHNICAL DATA

- Density (at 20°C): 1,15 g/ml
- Appearance and color: transparent, colorless – light yellow
- Flash point: 103°C
- Viscosity (at 25°C): 100-150 mPa.S
- Anti-slip: dry: R13, wet: R11

CONSUMPTION

80-100 gr/m² in two coats, depending on the porosity of the floor.

TEMPERATURE LIMITS

Application temperature: +10°C and +30°C.

APPLICATION

Remove oil, grease and wax contaminants and any loose particles. The surface must be clean and dry before the application. In case of new concrete wait for at least 28 days or until the moisture content of the concrete is less than 5%. Apply with shorthair solvent resistant roller or mop, airless spray is also possible. Apply it in two directions perpendicularly to achieve a very thin even layer. Avoid the formation of puddles or thick layers as this may cause bubbling. After the first layer the surface can be spotted or uneven. The second layer can be applied after 24 hours but at least after 16 hours. 20-50% less material needed for the second coat.

The treated surface is ready for light traffic after 24 hours and full load is possible after 72 hours.

In the case of very porous surfaces, the first layer can be diluted with 5-10% with e.g. white spirit or other non-water containing solvent. Do not dilute with water.

The lacquer is worth reviewing annually and if necessary, it can be renewed easily by applying a new coat.

CLEANING

The equipment and tools could be cleaned with white spirit or equivalent.

PACKAGING

In 20 kg and 5 kg cans.

STORAGE

May be stored for up to 12 months in its original packaging in a dry area at ambient temperature between 5°C and 25°C. After opening apply it soon as possible.

Legal notice: This technical datasheet and installation guide are based in laboratory results and our experiments. The amount of material used and the given application process can be affected by the specific construction conditions. The contractor is responsible to control our recommendations based on preliminary tests, and to provide the necessary conditions for appropriate incorporation of the product. We accept no liability for damages caused by improper workmanship. For further information ask for the product safety data sheet.

