

TECHNICAL DATA SHEET

DMK LIMESTONE & SANDSTONE DENSIFIER

The ultimate chemical solution for moisture proofing, hardening, densifying and protection of Limestone, Sandstone, travertine, terrazzo and porous stones.

- Easy to apply.
- Penetrates, and cures quickly, usually within an hour.
- Reduces dusting and wear by hardening surface.
- Simplifies maintenance by reducing need for topical coating.
- Makes the surface less permeable to liquids so less sealer is needed.
- Increases surface density so you can achieve a higher gloss after polishing

Chemical description

DM Limestone & Sandstone Densifier penetrates and seals the floors by reacting chemically to the stone forming a clear, dense, durable and very hard topical surface layer that is breathable, abrasion-resistant, and extremely hard, dust proof, and easier to maintain. Thanks to the new formulation, **DM Limestone & Sandstone Densifier** reacts chemically with siliceous materials to provide a permanent hydrophobic surface, leaving the floor water repellent, that protects and preserves stone surfaces.

DM Limestone & Sandstone Densifier is a long-term protection against heavy wear, moisture, dirt and against alkalinity and efflorescence (salt residue.)

Mode of action:

PROTECTS, DENSIFIES, HARDENS & MOISTURE PROOFS

DMK Limestone & Sandstone Densifier fills in pores and capillaries for a smoother surface and to increase surface density to achieve a higher gloss when polishing.

Using **DMK Limestone & Sandstone Densifier** before polishing will speed up the results and enhance the resulting shine on the floor: will allow a higher gloss when followed by polishing or sealing.

It will also decrease the amount of sealer needed to seal the floor. It can be used on polished and non-polished tiles to reduce dusting and wear.

On polishes surfaces, **DMK Limestone & Sandstone Densifier** help to achieve a higher polish and make the surface less permeable to liquids so less sealer is needed.

Is a clear, odourless, V.O.C. compliant, water-based and environmentally safe-to-use.

It also reduce dusting and improve stain resistance.

Specification (average values)

Solids content:	approx. 28,0 %	007 *
Density (20°C):	approx. 1,25 g/cm ³	042 *
pH value (10 %):	approx. 10,8	008 *
Viscosity (20°C):	approx. 28 mPas	053 *

**) Internal method code – description available on request*

Properties:

-Penetrates deep inside the concrete capillaries forming a permanent insoluble bond with the natural stones, hardens the concrete making it stronger and more abrasion resistant. Extends the life expectancy, and integrity of the floor.

-Dustproofs tiles, it make the tiles easier to clean, creating an environment that is less susceptible the proliferation of harmful bacteria

-Forms a protective surface layer that is breathable, dense and, abrasion resistant and water repellent that help to protect tiles from water penetration and makes it more resistant to many types of chemicals.

-Reduces maintenance and cleaning costs.

-Reduce and prevents efflorescence and the leaching of lime.

-Provides high reflectivity and improves aesthetically, helping to get high gloss during the polishing process.

APPLICATION AND INSTRUCTION STEPS:

-On ready polished or honed tiles :

- Apply on dry and clean surface using a flat head mop or a lambs wool applicator
- wait 4 hours
- apply a second coat
- Buff whit dry wool pad or whit polisher machine and discolux pad.

-during grinding and polishing process

-apply after abrasive grit 120

-For best results apply one even coat using a flat head mop or a lambs wool applicator. Apply second coat and allow to cure overnight if possible.

-For very porous limestone and sandstone another coat of **DMK Limestone & Sandstone Densifier** can be applied after the passage whit abrasives grit 400.

Note

Drums containing **DMK Limestone & Sandstone Densifier** must always be kept tightly closed. Adjacent areas of glass, ceramic, concrete, metal, and natural stone must be well masked before the coats are applied.

Any splashes must be removed immediately with water. The tools must be cleaned with water immediately after use. The addition of some Trilon B and caustic soda effects better clean-up.

Storage

DMK Limestone & Sandstone Densifier must be protected from frost during storage.

Its shelf life in tightly closed drums is at least twelve months, and also be kept for twelve months in storage tanks.

Labelling / Safety

Not classified as dangerous according to EC Guidelines and German Ordinance on Hazardous Materials (GefStoffV).

See the safety data sheet

Packaging

5 lt can
25 lt can
200lt
1000lt

This information corresponds to our actual knowledge. Nevertheless, as product use conditions are out of our control, we can't take responsibilities of incorrect use consequences. We recommend doing a previous test with the product, where it wants to be applied, to evaluate the results. Klindex S.R.L. reserves the right to modify, without notice, characteristics, models and prices.