NORTEC® DENSE CS

APPLICATION GUIDELINES

Restrictions on Use

NORTEC® DENSE CS is not to be used when the air or concrete surface temperature is less than 5 °C or more than 40 °C during or immediately after treatment. In addition, the surface must be safeguarded against rapid drying from sun exposure, wind, or low air humidity. Furthermore, the application should not be carried out before, during, or immediately after rain.

Tools

Water hose with nozzle (mist pressure), broom with soft bristles, floor squeegee, and, depending on needs and area of use, single-disc machine (old surfaces) and auto scrubber.

Surface Preparation

- Cover, or otherwise protect bordering areas, walls, and windows against contamination.
- *NORTEC® DENSE CS* permanently solidifies all cementitious surface contamination. Therefore, thoroughly sweep and wet clean surfaces so that they are residue free.
- Damages, breakouts or visual imperfections should be repaired with a mineral mortar system prior to the application of the densifier.
- If *NORTEC® DENSE CS* is used on an old concrete surface, this surface must be mechanically or thoroughly wet cleaned and moistened beforehand.
- *NORTEC® DENSE CS* can be used on damp surfaces. Puddles should be avoided so that the material is not diluted before the reaction process.

Material Application

The product is ready to use and does not require dilution.

The material is applied evenly to the surface. The average quantity used is 0.10 l/m² and depends on the respective ambient temperature and the absorbency of the substrate. Experience has shown that in the case of screed surfaces, higher quantities are required.

Incorporate the material for at least 30 minutes into the surface with a soft and clean broom. Apply more material as needed. Then let air dry.

The product does not need to be stripped or washed off afterwards.

Device Cleaning / Disposal

Unused product can be stored in the original container for up to 18 months.

Store product in a well-ventilated, cool, and dry area.

We recommend cleaning all the work tools with warm soapy water after use.

Follow applicable legal regulations in order to safely and properly dispose of excess material.

Drying Time

As soon as the surface has dried completely, it may be used for foot traffic and driven on with vehicles.

The drying time depends on the environment and weather conditions. At a room temperature of 20 °C, a surface can normally be used for foot traffic after 1 to 3 hours.

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Cleaning and Maintenance

In general, cleaning agents that are neutral and designed for concrete are suitable for maintenance cleaning.

The use of acidic cleaners, e.g. suitable for sanitary use or vinegar and sulphate-based cleaning agents, is not recommended as they will corrode the concrete over time and make the surface appear dull.

Black industry pads and a slightly alkaline base cleaner are beneficial for the cleaning of heavy contamination.

No wax or paraffins should be used for maintenance.

For more detailed information, please refer to the data sheet "*Cleaning Instructions*".

Work Safety

The same safety instructions as for handling fresh cement-based building materials apply.

The product is colorless, not flammable, and also not toxic. In the event of fire, no toxic gas or vapors will be created.

In case of eye contact, rinse out with plenty of water.

Please read the safety data sheet before using the product.

Technical Servicing

For additional technical information and support, please contact NORSA GmbH Customer Service at +49 34207 / 40 80 0 oder service@norsa.de.

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