

PRODUCT DATA SHEET

PERAGUARD

ADVANCED CONCRETE DENSIFIER MICRO CRACKS HEALER MIC INHIBITOR

DESCRIPTION

PERAGUARD is a water-based, VOC-free product that is safe and easy to apply. It provides excellent protection against abrasion and permeability while creating a luxurious finish. It can be used on older concrete as well as new concrete.

USES

- PERAGUARD recommended as a densifier and hardener for machine troweled concrete surfaces;
- PERAGUARD as a floor rejuvenator restorer of worn hardened concrete floors;
- For harsh industrial environments that are using industrial chemicals products and processes;
- Polished concrete floors that resist stains, acids, and water penetration.

FEATURES AND BENEFITS

Incomplete hydration during mixing can leave valuable chemicals, minerals, and metals unreacted in concrete. This can lead to reduced strength, increased cracking, and a shorter lifespan. PERAGUARD designed to address this issue. Benefits include:

- Water tight and corrosion resistant;
- Mildew, mould, and bacterial protection;
- Chemical resistance (petrochemicals, salt chlorides, sulphides, etc.);
- Prevents efflorescence;

- Maintains color stability;
- Immediate Action;
- Versatile for old and new surfaces;
- Self-healing micro-crack;
- Infuses color with the top surface layer

DIRECTION FOR USE

Before Use:

Remove lid thoroughly, stir the PERAGUARD liquid making sure to stir the bottom pail as chemical may settle there. Stirring / mixing will make the liquid change colour to a lime/light milky look.

1. Clean floor from dust and loose material
2. Dampen concrete floor with water and broom
3. Mix PERAGUARD liquid for 2 minutes then let it stand for one minute to settle.
4. Pour out liquid PERAGUARD into low pressure spray pump or depending on floor surface roughness a micro fibre or pour on floor with rain shower watering can & use broom to brush over surface.
5. Leave PERAGUARD to dry. This depends on concrete porosity. Usually after 4 -12 hours you can start to polish with a grinder.

TECHNICAL DATA

- Appearance: Lime/milky white liquid
- Density: ~ 935 Kg/m³
- pH: ~ 9 ± 11
- Treated surface impermeable up to 8 bar;
- Stable in acidic environments up to 2 pH.

PACKAGING

PERAGUARD is packaged in 20 kg pail.

SHELF LIFE

Unlimited, when product is stored in standard containers and in a designated industrial environment.

PRECAUTIONS

- Do not cure or cover the surface treated by PERAGUARD;
- Do not add any other chemicals or supplementary materials to PERAGUARD, except for oxide based pigments;
- PERAGUARD is not hazardous, not flammable and not explosive for applications, transportation, and storage;
- In all cases, consult the Material Safety Data Sheet (MSDS) before use

SAFETY

Operation with PERAGUARD is similar to cement mixing and liquid spray jobs. Always wear an approved particle respirator and rubber gloves. Avoid inhalation of the dry product or direct skin and eye contact. Caustic when mixed with water. In case PERAGUARD is inhaled, swallowed or gets into contact with the skin or eyes, rinse and wash abundantly with water. Refer to the MSDS for additional health and safety information.

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