

EPOXY

Clear Sealer

PRODUCT DESCRIPTION

DuROCK Epoxy sealer is a two-component, self-leveling, 100% solids epoxy coating. Both components are weighed and packaged for on-site mixing and use in a ratio (by volume) of 2: 1 (**Part A: Part B**). **Epoxy** is recommended for interior applications over concrete and masonry substrates. **Epoxy** is a high build epoxy that provides excellent, long lasting protection for concrete surfaces. **Epoxy** produces a smooth, seamless finish with excellent compressive, flexural and tensile strength. Surfaces coated with **DuROCK Epoxy** have excellent wear resistance and good chemical resistance.

STORAGE & MIXING

Store **DuROCK Epoxy** above 10°C (50°F) and below 30°C (86°F), off the ground and in a dry place away from direct sunlight. Employ temporary protection measures as needed. Under no circumstances shall **DuROCK Epoxy** be permitted to freeze. Protect material from excessive evaporation during dry weather.

Avoid mixing and application of this product if the floor temperature is below 10°C (50°F) and above 30°C (86°F). Also avoid application if the humidity is 75% or higher. The temperature of the floor, materials and air in the area of installation all play a role in how the product will apply and cure.

Carefully pour **Part B (hardener)** to **Part A (resin)** in a slow steady motion. While pouring the material, slowly mix using a stainless steel or corrosion resistant mixing blade and power drill ensuring not to induce air into the product. Entrapping air in the product will result in bubbles in the coating when applied. Blend thoroughly for 2-3 minutes, scraping down the sides to ensure complete mixing. Do not add water. Accelerators and other additives are prohibited and will void warranty. Discard any material that becomes stiff or hard. The pot life of the material once mixed is approximately 20 to 30 minutes, depending on room temperature.

APPLICATION & COVERAGE

Substrate must be clean, dry, and free of loose material. New concrete must be cured for at least 28 days. Remove any dust, grease, curing compounds, waxes, foreign particles, and any previously applied coatings that may be incompatible to the **Epoxy** and affect adhesion. These substances can be removed by acid etching (with muriatic acid) or other mechanical means. Make sure acid and other particles are rinsed from the surface and surface is allowed to completely dry before application of the **Epoxy**.

Surface and ambient temperatures must be at least 10°C (50°F) a minimum of 24 hours, and must remain so until the **Epoxy** has cured. Do not apply to a frozen base or a base containing frost. Wherever possible, avoid application in direct sunlight. Mask off all areas adjacent to those upon which **Epoxy** will be applied.

The recommended method of application is to pour the mixed product in a narrow line directly on the substrate surface and then spread it with a squeegee. Spread the coating in a continuous, even manner from one side of the area being coated to the other. Immediately after spreading the **Epoxy**, use a nap roller to even out the surface. Working in straight columns only as wide as the width of the roller, roll in a forward motion and then a backward motion to remove any spike shoe marks. Slightly overlap the next section and do not apply too much force which may increase the chances of bubbling occurring in the surface. To achieve an even smoother surface a spiked roller (instead of a nap roller) can be used following the same procedure. Immediately clean all tools with soap and water, and solvent if necessary. **Epoxy** cures to a tack free surface within 10hrs. Light foot traffic is suggested after 24hrs. These cure times are dependent on temperature and humidity conditions. If applying a second coat allow 24hrs between coats. When applying the second coat, follow the same application procedure stated above.

DuROCK Epoxy is available in a set comprising of **Part A** (6 kg pail) and **Part B** (2.7 kg pail). The average rate of coverage is 425ft² per set, depending on surface porosity. Actual coverage depends on jobsite conditions and other factors.

TECHNICAL DATA AVAILABLE ON REQUEST

Refer to www.DuROCK.com for the most up-to-date version of this document.