

Crack Repair 100

Product description

Crack Repair 100 is a very fast setting, high strength ultra low viscosity concrete repair material. This two part hybrid urethane system is designed for rapidly rebuilding deeply spalled or damaged concrete surfaces, broken control joints and repairing damaged concrete rapidly, even in cold conditions. Crack Repair 100 repairs are put back into service minutes after the installation is completed.

Limitations

- Apply at temperatures above 40°F (4° C).
- This product should be applied within 2 minutes of mixing.
- New concrete should be cured for at least 28 days prior to application.
- Do not apply below freezing.
- Cold temperatures will extend the set time.
- High temperatures will reduce the set time and pot life.

Packaging

Crack Repair 100 is available in 1 gallon kits (3.7 L) and 10 gallon kits (37.8 L)

Storage Instructions

Store in a dry area between 50°F and 90°F (10°C -32°C) Avoid direct sunlight, extreme heat, <90°F (32°C). Shelf life when stored properly is 1 year.

Coverage Rate

The coverage rate will vary depending on the width and depth of the repair area. When using dry sand as a base material your coverage rate will increase. The 1 gallon kit is typically enough to repair one floor or project.

Surface Preparation

If applying to concrete: Concrete should be cured a minimum of 28 days and be clean, structurally sound, and free of wax, oil, dust, loose paint or curing compounds. Mechanical surface preparation is the most suitable method to prepare for the application. Use a hand grinder with a crack chasing wheel to clean and remove any loose material from the edges. The surface must also be allowed to dry completely before the application. The repair may be cut smooth with a razor scraper or grinder 3-5 minutes after the application depending on the ambient temperature.

Technical Information

SOLIDS by weight 60%

VOC < 420 g/l

Hybrid urethane crack and concrete repair material

Mixing

The mixing ratio for the Crack Repair 100 is 1:1. The products are packaged in pre-measured kits for easy use. Combine small amounts of the two components together in a separate clean container and mix by hand for 30 to 45 seconds. Avoid over mixing to prevent the material from setting in the mixing container. There is no induction period required and the material should be used immediately after mixing. Never mix more material than can be used in 2-3 minutes or less. The material will exo-therm creating heat. The warmer the temperature the faster the set time and shorter the pot life will be.

Application

Application temperature is between 40° F- 90°F (4°C - 32°C) Crack Repair 100 is a reactive material and has a pot life of 2 minutes depending on the ambient temperature. Pour the material directly into the repair or crack immediately after mixing. Kiln dried sand may be used in the repair area after the material is applied if desired. The repair may be cut smooth using a razor scraper within 3-5 minutes after the repair has been done.

Dry time (tack free) 3-5 minutes.

Re-Coat time 20-30 minutes.

Foot traffic 10-15 minutes.

Safety

Sundek Products USA, Inc. recommends the use of a respirator with an organic vapor cartridge installed. Installer should wear protective gloves and safety glasses. Avoid contact with the skin. Avoid splashing in the eyes. If the material comes in contact with the skin during the application the area should be rinsed immediately with clear water.

Refer to the product Safety Data Sheet (SDS).

Product Warranty

Sundek Products USA, Inc. standard warranty applies.

Disclosure

Installers must carefully review site conditions, especially the substrate condition, and its moisture content. For floors that exceed 3 pounds MVR, Sundek recommends the use of SunEpoxy MVB vapor barrier treatment to prevent failure from moisture related issues. These and other installation variables affect product yields and overlay bonding quality. Consideration of these variables is the responsibility of the installer.

HEADQUARTERS

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