



UltraGuard Epoxy Joint Filler

... a high performance elastomeric epoxy joint compound designed for long service life in a wide range of demanding concrete floor environments



Convenient, long lasting sealing.

UltraGuard Epoxy Joint Filler is the perfect solution to long lasting, trouble-free sealing of static (non-moving) joints, expansion joints and large stress cracks in concrete flooring, either indoors or out.

Advanced epoxy chemistry.

Advanced resin chemistry delivers performance superior to conventional epoxies, polyurethanes and other products. Chemical resistance, adhesive strength, abrasion resistance, elongation and tensile strength are all outstanding, insuring long service life.

Won't shrink.

The 100% solids formulation eliminates shrinkage. You get a smooth, trouble free joint the first time.

Zero VOC.

UltraGuard meets the most stringent environmental codes because it has zero VOC (volatile organic compounds).

Wide spectrum chemical resistance.

100% solids also provides a much more dense molecular structure which, when combined with the natural chemical resistance of the resins, makes UltraGuard Epoxy Joint Filler suitable for a very wide range of harsh industrial environments.

Handles dynamic movement.

Because it is elastomeric, with elongation of 150%, UltraGuard Epoxy Joint Filler can accommodate vibration and normal structural movement without failure. This means floors stay sealed to prevent leakage of harmful substances below slabs.

Convenient pourable, self-leveling application.

UltraGuard Epoxy Joint Filler comes in convenient one-gallon (3.785 liter) kits. It is the perfect companion product for SWEPACO UltraGuard Epoxy Primer & Coating and comes in the same colors to provide an attractive uniform appearance.

PERFORMANCE

Purpose & Description

SWEPCO UltraGuard Epoxy Joint Filler is a high performance elastomeric epoxy joint compound formulated for sealing static joints, expansion joints and large stress cracks in concrete surfaces. It is the perfect companion product to UltraGuard Epoxy Coating or UltraGuard Multi-Purpose Polyurethane Coating. The advanced 100% solids formulation yields a zero VOC product and permits the filling of large cracks without shrinkage. High performance resins provide exceptional adhesion even in less than ideal surface conditions. They also provide resistance to a broad spectrum of chemicals.

These performance properties make UltraGuard Epoxy Joint Filler an excellent choice for protection, restoration and beautification of floors in warehouses, garages, maintenance areas, hangers, dairy milking bays, pulp & paper mills, kitchens, food processing plants, equipment rooms, loading docks, production & manufacturing areas, power plants, clean rooms and more. It also provides superior performance in non-flooring applications such as secondary containment areas, cooling tower sumps, non-potable water ponds and tanks, waste water treatment aeration basins and many other applications. UltraGuard Epoxy Joint Filler can also be used for filling expansion joints and stress cracks in asphalt surfaces.

Typical Physical Properties

- Max Dry Service Temp: 200°F (93.5°C)
- Tensile Strength: >4,000 psi
- Impact Strength, @80°F (26.5°C): 65 ftlb
- Elongation: 150%
- % Solids: 100
- % VOC: 0
- Broad Spectrum Resistance to Acids, Alkalis, Solvents, Fuels
- Color: Light Gray, Dark Gray & Rust Red
- Workability: Pourable/Self-leveling

Packaging

Packaged in convenient two component kits which yield one-gallon (3.785-liter) of joint filler. Kit includes mixing attachments and complete printed instructions. Available in Light Gray, Dark Gray and Rust Red.

Pot Life

Pot life varies with temperature. Typical pot life is one hour at 75°F (24°C) but can be as short as 20 minutes at temperatures over 85°F (29°C). For this reason all surface preparation should be completed before mixing.

Mixing & Application

Joints and cracks should be clean and sound. Pre-mix component A to compensate for any settling which may have occurred. Then mix all contents of component B into component A. Use mixing attachment supplied and 400-600 rpm drill for minimum of three minutes after uniform appearance is first achieved. Avoid whipping air into mixture. Pour in crack. Allow to cure. Refer to printed instructions in kit for other important mixing and application details.

Coverage Rates

Each one-gallon (3.785-liter) kit yields 231 cubic inches (3,785 cm³) of joint filler which is sufficient material to fill 308 lineal ft. (93.8 m) of 1/4 x 1/4 inch (0.63 x 0.63 cm) joints or cracks.

Curing

Dries tack free in approximately 48 hours. Curing continues for 7 days.

Clean-Up

Clean up spills and tools with 50%/50% mixture of MEK and xylene.

Storage

Unopened containers have a shelf life of one year when stored in a dry location and protected from temperature extremes.

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