



USG DUROCK™ BRAND EXG™ CONCRETE REPAIR PATCH

- Innovative, fast-setting exterior & interior concrete repair patch
- Tolerates 100% RH and up to 14 pH
- Vehicular traffic in about one hour; can receive floor coverings in as little as 45 minutes
- Featheredge to 3 in. (76 mm) neat; deep fills up to 12 in. (305 mm) when extended
- Superior bond to concrete substrates without bonding primers
- Heavy duty —up to 10,500 psi (72.4 MPa)
- Extremely freeze/thaw and salt resistant

USG DUROCK™ BRAND EXG™

CONCRETE REPAIR PATCH

DESCRIPTION

USG Durock™ Brand EXG™ Concrete Repair Patch is a trowelable high-performance, air-entrained cementitious patch suitable for exterior and wet interior applications. Rapid-setting and eco-friendly, this next generation technology is an ideal solution for use under high relative humidity (RH) tolerant floor covering adhesives and systems. USG Durock™ EXG Concrete Repair Patch is easy to apply and strong—up to 10,500 psi (72.4 MPa). Whether used neat (thicknesses up to 3 in. (76 mm)) or with aggregate (thicknesses up to 12 in. (305 mm)), USG Durock™ EXG Concrete Repair Patch provides superior working properties and excellent water and freeze-thaw resistance. In addition, USG Durock™ EXG Concrete Repair Patch is very dimensionally stable and provides excellent resistance to sulfates and salt-scaling.

Due to its special chemical composition, USG Durock™ EXG Concrete Repair Patch develops excellent bond to concrete substrates without requiring a bonding primer and allows for the application of floor coverings in as little as 45 minutes (specialty adhesives may require a minimum of 16 hours). USG Durock™ EXG Concrete Repair Patch meets the ASTM C928 Standard Specification for Packaged, Dry, Rapid-Hardening Cementitious Materials for Concrete Repair.

For detailed instructions including application restrictions and how to prepare the subfloor, see the *USG Durock™ Brand EXG™ Concrete Repair Patch* submittal sheet (CB792) at usg.com.

APPLICATIONS

Exterior and interior concrete slabs, pre-stressed concrete and concrete planks.

PRODUCT DATA

Mixing Ratio (Neat)	50 lb. (22.7 kg) bag of USG Durock™ EXG Concrete Repair Patch to 2.0-2.5 quarts (1.9-2.4 L) of water (six parts USG Durock™ EXG Concrete Repair Patch to one part water by volume)
Mixing Ratio (Extended)	50 lb. (22.7 kg) bag of USG Durock™ EXG Concrete Repair Patch to 32.5 lb. (14.7 kg) of 3/8 in. (10 mm) to 1/2 in. (13 mm) clean, saturated surface dry (SSD) aggregate (meeting ASTM C33 specification) to 2.25-3.0 quarts (2.1-2.8 L) of water
Approximate Coverage (Neat)¹	20 sq. ft. (1.86 m ²) per bag at 1/4 in. (6 mm) thickness
Approximate Coverage (Extended with 32.5 lb. (14.7 kg) of aggregate)¹	14.9 sq. ft. (1.4 m ²) per bag at 1/2 in. (13 mm) thickness
Approximate Working Time ASTM C191 (modified)¹	15–25 minutes (70 °F (21 °C)/50% RH)
Application of Floor Covering	A skim coat application of USG Durock™ EXG Concrete Repair Patch can be walked on in as little as 45 minutes (70 °F (21 °C)/50% RH). Thicker applications, cooler temperatures, high humidity and inadequate ventilation can extend drying times. Breathable floor coverings can be installed after USG Durock™ EXG Concrete Repair Patch has fully set, so as not to damage the surface. Non-breathable floor coverings requiring special adhesives that are sensitive to moisture can be installed after 16 hours.
Thickness Range	Featheredge to 3 in. (76 mm) neat; up to 12 in. (305 mm) when extended
Packaging	50 lb. (22.7 kg) multiwall paper bags

Note

1. Results published herein were achieved under controlled laboratory conditions. Actual field results may differ due to environmental conditions, inconsistent proportioning of field-applied water, aggregate and USG Durock™ EXG Concrete Repair Patch, as well as differences in mixing/pumping equipment.

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PRODUCT INFORMATION

See usg.com for the most up-to-date product information.

DAANGER

Causes skin irritation. Causes serious eye damage. May cause cancer by inhalation of respirable crystalline silica. Avoid breathing dust. Do not handle until all safety precautions have been read

and understood. Use only in a well-ventilated area, wear a NIOSH/MSHA-approved respirator. Wear protective gloves/protective clothing/eye protection. If swallowed, inhaled, or skin irritation occurs get medical attention. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing. Immediately call a doctor. Wash contaminated clothing before reuse. When mixed with water, this material hardens and becomes very hot sometimes quickly. DO NOT attempt to make a cast enclosing any part of the body using this material. Dispose of in accordance with local, state, and federal regulations. For more information call Product Safety: 800-507-8899 or see the SDS at usg.com.
KEEP OUT OF REACH OF CHILDREN.

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SAFETY FIRST!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read Submittal Sheet CB792, SDS and literature at usg.com before specification and installation.