

Durock™ Floor Patch



Premium engineered floor patch

- Super-fine finishing
- True featheredge to 1/2" thick
- Self-drying and fast-setting
- Mixes easily with water
- Excellent bond on multiple surfaces, including gypsum underlayments

Description

DUROCK™ brand floor patch is a polymer-modified blend of engineered cements for use over a variety of wood, concrete and gypsum-based surfaces. Designed for the professional flooring contractor, this fast-drying material fills joints, cracks, holes, voids and depressions, leaving a smooth finish in preparation for installation of vinyl, vinyl composition tile (VCT), carpet, wood, engineered laminates, parquet, ceramic tile, slate and marble.

DUROCK floor patch is simply mixed with water to a creamy, smooth consistency and applied with a steel trowel or joint taping knife. Suitable substrates include concrete, wood, gypsum-based cements, FIBEROCK® underlayment (recommended dry time over FIBEROCK underlayment is 90 minutes) and LEVELROCK® floor underlayments. It can also be used over properly prepared residues of cutback and other non water-soluble adhesives, from featheredge to 1/2" thick in one application. Its high concentration of polymers significantly improves bond and allows for use over gypsum-based underlayments. To use DUROCK floor patch as an embossing leveler, please contact your local USG representative for more information.

DUROCK floor patch is self drying and fast setting, allowing floor coverings to be installed as soon as the material is dry. This can be as little as 25 minutes depending on the patch thickness and floor covering being installed. It also saves time and money, as it mixes with water only, does not require additional latex or additives and has a unique property allowing faster drying on the floor without reducing pot life or working time.

Limitations

- Do not use in exterior applications.
- Do not use where continuous exposure to moisture in the substrate is present.
- Do not use as a vapor barrier.
- Do not use as a wearing surface.
- Do not use over gypsum underlayments with a compressive strength of less than 2500 psi.
- Do not use over presswood or flake board. Refer to floor-covering manufacturer's requirements for acceptable underlayments.

Application

Mixing Guidelines

Approximately 3-3/4 quarts of potable water is required to mix 15 lbs. of DUROCK floor patch. To mix by volume, add 2 parts powder to 1 part water in a clean bucket. Add powder into water and mix by hand or with a mixing paddle and drill to achieve a lump-free consistency.

Do not over mix.

Surface Preparation

Proper surface preparation is critical to achieving long-lasting results. Apply to a clean, dry, well fastened and sound substrate. Remove any dust, asphalt, paint, sealers, wax, curing compounds or foreign matter prior to use. Acid etching, sweeping compounds and solvents are not recommended. Subfloor must achieve temperature recommended by the flooring manufacturer and not be below 50 °F (10 °C).

Existing adhesive or cutback residue must be tested to ensure that it is not reactive with adhesive for new flooring, water soluble, or likely to bleed through, which could stain the new finished flooring.

Check moisture content (ASTM F1869 calcium chloride test) prior to applying a waterproof sheet or resilient flooring over DUROCK floor patch. Do not retemper material that has already been mixed.

Floor coverings can be applied as soon as the DuRock floor patch is hard enough to work on. For urethane and epoxy adhesives that are moisture-sensitive or use moisture in their drying process, allow floor patch to dry overnight before applying adhesive.

Product Data

Compressive Strength (28 days): Exceeds 4000 psi per ASTM C190
Flexural Strength (28 days): Exceeds 820 psi per ASTM C348
Coverage (15 lb. bag): 89.2 sq. ft. at 1/32"
 44.6 sq. ft. at 1/16"
 22.3 sq. ft. at 1/8"
 11.2 sq. ft. at 1/4"
 5.6 sq. ft. at 1/2"
Density (28 days): 80.8 lbs./cu. ft.
Color: Concrete gray
Working Time: 10-15 minutes
Thickness: Featheredge to 1/2" thick

Submittal Approvals

	Job Name	
	Contractor	Date

Product Updates

See usg.com for the most up-to-date product information.
WARNING!
 Portland cement is strongly alkaline. Direct contact can be corrosive and cause severe damage or chemical burns to the eyes and wet or moist skin. Avoid contact with eyes and skin. Wear eye protection, alkali-resistant protective gloves, long-sleeved shirts and pants to prevent direct contact. If eye contact occurs, immediately flush thoroughly with water for 30 minutes and seek medical

advice. Inhalation of dust may be corrosive or cause chemical burns or irritation to nose, throat and respiratory tract. Avoid breathing dust. Use in a well-ventilated area or provide sufficient local ventilation. If dusty, wear a NIOSH/MSHA-approved dust respirator. Wash thoroughly with soap and water after use. Do not ingest. If ingested, call physician. Product safety information: 800 507.8899 or usg.com.
KEEP OUT OF REACH OF CHILDREN.

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 We shall not be liable for incidental or consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Our liability is expressly limited to replacement of defective goods.

Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.
Safety First!
 Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

