



USG SECUROCK™ BRAND GYPSUM-CONCRETE PATCH (FORMERLY PYROFILL®)

Great for repairing poured-in-place roof decks such as gypsum roof decks and lightweight insulating concrete surfaces.

- Durable: over 500 psi compressive strength
- Fast installation
- Noncombustible
- Feather-edge where needed

DESCRIPTION

USG Securock™ Brand Gypsum-Concrete Patch is mill formulated and composed of specially calcined gypsum and wood chips or shavings. It is mixed at the jobsite with clean water only and poured in place as a patch for existing gypsum decks. USG Securock Gypsum-Concrete Patch is noncombustible and used in several UL-approved roof deck systems.

ADVANTAGES

Exceptional Strength: Engineered to provide over 500 psi of compressive strength that will accept foot traffic and fasteners within four hours of application.

Fire Performance: USG Securock Gypsum-Concrete Patch is a noncombustible material that provides excellent fire performance and is used in several UL-approved roof deck systems.

Versatile: Can be used as a patch in many roof decks such as gypsum, vermiculite concrete, perlite concrete and cellular foam concrete.

LIMITATIONS

- Protect from moisture in storage and on the job.
- Close open bags as tightly as possible; discard compromised or old open bags.
- Not to be applied over moist or wet surfaces.
- Must be protected from direct exposure to moisture after installed.
- Shelf life of six months under protected storage conditions.

INSTALLATION

- Keep all equipment clean.
- Use only clean water for mixing: do not add sand, aggregate or any other material.
- Deck must be structurally sound and free from debris or contaminants that might prevent proper bonding of USG Securock Gypsum-Concrete Patch. Weak or deteriorated material must be removed from the deck to provide a solid base.
- Add USG Securock Gypsum-Concrete Patch to water.
- Spread slurry at once after mixing and screed to desired thickness.
- DO NOT retemper USG Securock Gypsum-Concrete Patch.
- Machine mixing: Use 5–5.6 gals. (18.9–21.2 L) of clean water per 50 lbs. (22.6 kg) of USG Securock Gypsum-Concrete Patch; do not overwater.
- Mixing can be accomplished with mortar mixer or pail and drill with a mortar mixer attachment.
- This product provides a minimum dry density of 50 lbs./cu. ft. (801 kg/m³).
- Sets in 30–60 minutes.
- Mechanically attach base sheet to surface after material has set.

FIRE PERFORMANCE

- Noncombustibility in accordance with ASTM E136.
- Fire-rated and approved for use in UL Roof Deck Systems (P676, P503, P207, P229, P505, P507).

STANDARDS COMPLIANCE

USG Securock Gypsum-Concrete Patch is manufactured to conform to ASTM C317, "Standard Specification for Gypsum Concrete."

PHYSICAL PROPERTIES

Bags per pallet	63
Weight, nominal lbs./pallet	3,200
Weight, nominal lbs./bag	50
Compressive strength after set	>500 psi
Set time	30-60 minutes
Dry density	50-52 pcf
R value	0.67 °F.ft ² .h/Btu/inch, per ASTM C518

SUBMITTAL APPROVALS

Job Name	
Contractor	Date

PRODUCT INFORMATION

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

WARNING

When mixed with water, this material hardens and then slowly becomes hot. DO NOT attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissue. When applying or sanding, wear safety glasses or goggles for eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes to remove particles. If irritation continues, consult a physician. Use wet-sanding technique to avoid creating dust. While mixing or dry sanding or if dusty conditions exist, wear a NIOSH/MSHA-approved respirator. Dust created when dry sanding or mixing may cause eye, nose, throat or upper respiratory irritation. If irritation continues, consult physician. Do not ingest.

Dust may cause irritation to eyes, skin, nose, throat and upper respiratory tract. Avoid irritation by reducing exposure to dust. Wood dust, depending on species, may cause respiratory sensitization. IARC classifies certain types of wood fiber as a carcinogens to humans (Group 1). Use in a well-ventilated area or provide sufficient local ventilation. If dusty, wear a NIOSH/MSHA-approved dust respirator. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call a physician. Wash with soap and water after use. Do not ingest. If ingested, call a physician.

Product safety information: 800 507-8899

KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS

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NOTE

Products described here may not be available in all geographic markets. Consult your USG Company sales office or representative for information.

NOTICE

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions 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. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read SDS and literature before specification and installation.

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