



USG DUROCK™ BRAND LIQUID WATERPROOFING AND CRACK ISOLATION MEMBRANE

- Can be rolled, brushed, troweled and sprayed
- Fast drying time allows for quick turnaround time
- Low Perm Rating (0.38 perms at 20 mils dry thickness) per ASTM E96 Procedure E
- Anti-fracture protection up to 1/8 in. (3 mm) over shrinkage and other non-structural cracks
- Suitable for waterproofing floors, walls and countertops

USG DUROCK™ BRAND LIQUID WATERPROOFING AND CRACK ISOLATION MEMBRANE

A liquid-applied waterproofing and crack isolation membrane and vapor retarder for use over approved substrates in wet areas.

APPLICATIONS

USG Durock™ Brand Waterproofing and Crack Isolation Membrane is an acrylic polymer-based product for both commercial and residential tile and stone applications. It is ideal for waterproofing floors and walls in showers and other wet areas, including continuous-use residential and commercial steam showers without additional vapor retarder. It can also be used as a shower pan liner in accordance with Section 417.5.2.5 of the IPC and Section 408.7 of the UPC.

Suitable substrates include concrete, masonry, cement backerboard, gypsum-fiber panel and gypsum-based cement topping.

PACKAGING SIZE AND COVERAGE

| Item Number | Package Size | Qty Per Carton | Qty Per Pallet | Waterproofing Coverage ¹ | Crack Isolation Coverage ¹ |
|-------------|--------------|----------------|----------------|--|---|
| 170402 | 1 gallon | 4 pails | 45 cartons | One coat – 80-100 ft ² /gal. | Two coat – 25-30 ft ² / gal. |
| 170401 | 3.5 gallon | – | 48 pails | Two coats – 40-50 ft ² / gal. | |

¹ Coverage will be lower for porous or rough substrates.

TECHNICAL DATA

| Property | ANSI/ASTM Test | USG Durock™ Brand Liquid Waterproofing and Crack Isolation Membrane |
|---|-------------------------------------|---|
| Drying time (70°F/50%RH) | N/A | 0.5-1.5 hr. |
| Fungus and Microorganism resistance | ANSI A118.10/ANSI A118.12 | No mold growth |
| Seam strength | ANSI A118.10/ASTM D751 | >8 lb./in. |
| Breaking strength | ANSI A118.10/ASTM D751 | >170 psi |
| Dimensional stability | ANSI A118.10/ASTM D1204 | <0.7% |
| Waterproofness | ANSI A118.10/ASTM D4068 | Pass |
| Shear strength to ceramic tile and cement mortar | ANSI A118.10/ANSI A118.12/ASTM C482 | >50 psi |
| Water vapor permeance (20 mils dry film thickness) | ASTM E96 (Procedure E 100°F, 90%RH) | 0.38 |
| Floor installation service rating | ASTM C627 | Extra heavy |
| System crack resistance | ANSI A118.12 | High performance at 30 mils dry |
| Point load | ANSI A118.12 | >1000 lbs mils |



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PRODUCT INFORMATION

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

DANGER!

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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Dispose of in accordance with local, state and federal. Product Safety: 800 507-8899 or see the SDS at usg.com
KEEP OUT OF REACH OF CHILDREN.

TRADEMARKS

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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 Submittal Sheet, SDS and literature at usg.com before specification and installation.