



Decco Floor

SEALERS

FLEX-MEMBRANE

Deccofloor Flex-Membrane is a ready to use waterproofing and crack suppression elastomeric liquid membrane that provides water-proofing for all Deccofloor overlay systems, both horizontal and vertical. This water borne system has no solvents and requires no catalyst, which eliminates pot-life problems.

TARGETS

- ✓ **Solid poured concrete**
- ✓ **Concrete, cinder blocks**
- ✓ **Polystyrene (including ICF)**
- ✓ **Plywood, OSB**
- ✓ **Cement backer boards**
- ✓ **Parking garages**
- ✓ **Pool decks**
- ✓ **Older interior concrete floors**
- ✓ **Exterior building walls**
- ✓ **Commercial floors**

PACKAGING

5 gallon (18.9 liters) pail

COVERAGE

Up to 150 ft² per gal. (14 m² per 3.8 liters) or

Approximately 16 mils (wet)

ELONGATION ASTM D-638

7-day dry 580%

7-day dry / 21 days wet 657%

PACKAGING

0.013

PACKAGING

7-day dry 335 psi (2310 kPa)

7-day dry / 21 day wet 562 psi (3875 kPa)

SHELF LIFE

Under normal conditions: when kept dry and moisture free, out of direct sunlight, the shelf life of an unopened container is 1 year from the date of purchase. Storage must be under roof, off the floor, and protected from freezing. Rotate inventory to maintain product that is within limits

SURFACE PREPARATION

The principles for surface preparation for Deccofloor Flex-Membrane are addressed with the required surface preparation for the overlay being installed. Deccofloor Flex-Membrane is not a shortcut for poor surface preparation. 1. Clean: The surface must be free of dust, dirt, oil, grease, paints, glues, sealers, curing agents, efflorescence, chemical contaminants, rust, algae, mildew and other foreign matter that may serve as a bond breaker. 2. Cured: Any concrete must be sufficiently cured to have sufficient hydration, approximately 7 - 14 days depending on temperatures and humidity. 3. Sound: No system should be placed upon a substrate that is flaking, spalling, or has hibernating spalling.

TEMPERATURE/CURE

Apply when surface and ambient temperatures range between 50°F (10°C) and 90°F (32°C) and will remain that way for 72 hours. Deccofloor Flex-Membrane may receive an overlay when it will not reemulsify when wetted. No standing water or wet conditions can be tolerated during application or curing of membrane.

APPLICATION

Planning Completed projects must slope to proper drain or drain completely to grade. No standing water can be tolerated. Cracks or voids in excess of 1/8" must be treated independently prior to application of membrane.

Joints, Splices, Penetrations Sheet or panel products (e.g. plywood, OSB, polystyrene panels) require coating at all joints and splices including floor to wall junction prior to coating the "field" of the sheet or panel. Concrete floors and walls likewise require coating at their junctions prior to coating the "field". Additionally, any penetrations in the "field" likewise require prior attention.

- Joints and splices o Utilize a ¾" (19 mm) nap roller and apply an even liberal coat of Deccofloor Flex-Membrane a minimum of 3" (7.6 cm) either side of the splice. A chip brush may be more effective at a wall to floor splice
- Allow product to dry completely to the touch, no longer tacky, changing from pink to red in color (approximately 1 to 2 hours.)
- Apply 2nd coat over dried membrane to create a "sandwich" of fabric.
- Penetrations o All penetrations should be flashed per industry accepted standards.
- Those portions of flashing that are to be covered by an overlay must be addressed similarly to above.
- Brush Deccofloor Flex-Membrane onto the flashing material and extend into field.
- Overlapping strokes will provide an even film.
- Before membrane dries lay polyester stitch bond material into wet membrane and smooth out, leaving no wrinkles.
- Allow product to dry completely to the touch, no longer tacky, changing from pink to red in color (approximately 1 to 2 hours.)
- Apply 2nd coat over dried membrane to create a "sandwich" of fabric.

CLEAN-UP

Deccofloor Flex-Membrane can be cleaned up with soap and water before product cures.

DISPOSAL

Contact your local government household hazardous waste coordinator for information on disposal of unused product.

LIMITATIONS

Do not use as a wear surface. Do not use below grade. Protect product from freezing. Do not apply over wet surfaces or surfaces subject to hydrostatic pressure. Concrete slabs must range

CAUTIONS

KEEP OUT OF REACH OF CHILDREN. Inhalation: If spraying, use NIOSH approved respirator. Skin Contact: Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. Eyes: Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 minutes. If symptoms persist, seek medical attention.