

# Durex® Flex Seal Liquid Membrane

*Polyurethane Liquid Membrane*

## PRODUCT DESCRIPTION:

**FLEX-SEAL LIQUID MEMBRANE** is a two component, cold applied, trowellable/gunable grade compound. A high performance grade material **FLEX-SEAL LIQUID MEMBRANE** is designed for a variety of applications with **Durex Membranes**. Black in colour **FLEX-SEAL LIQUID MEMBRANE** is not an appropriate material where aesthetics is a consideration.

## PACKAGING:

**FLEX-SEAL LIQUID MEMBRANE** is supplied in a two part package with the contents of the activator (part B) contained within the larger base component (part A). **FLEX-SEAL LIQUID MEMBRANE** is available in two package sizes, 15L (3.3 gal.) and the more commonly used 5.7L (1.3 gal.).

## USE:

**FLEX-SEAL LIQUID MEMBRANE** is ideally suited for use in conjunction with **Durex Membranes** for a variety of applications:

- terminations and flashing to curbs and parapets on plaza and roof decks, mechanical rooms or similar horizontal installations.
- terminations and flashing at drain locations as well as sealing of protrusions through horizontal or vertical surfaces.
- at changes in plane as encountered at inside corners of footings.
- as a leveling course in restoring regularity to surfaces prior to **Durex Membrane** installation.
- as a waterproofing membrane in areas inaccessible with sheet applied membranes or excessive detailing requirements.

For additional uses contact your **Durabond** representative.

## MIXING INSTRUCTIONS:

Add the entire contents of component B (activator) to component A (base). A low speed (150 rpm) mechanical mixer/drill equipped with flat blade is recommended for thorough mixing. Blend slowly at first until the two components are initially interdispersed, this will avoid splashing of the less viscous activator. Take care to scrape material from the sides and bottom of the pail to ensure the ratio between parts A and B. **ONCE MIXED FLEX-SEAL LIQUID MEMBRANE MAINTAINS A ONE HOUR POT LIFE AND MUST BE APPLIED WITHIN THIS TIME PERIOD.** More time is available at lower temperatures and conversely curing is more rapid at higher temperatures. Discard material which has thickened.

## APPLICATION:

Once mixed **FLEX-SEAL LIQUID MEMBRANE** is trowellable but can also be gunned readily using a bulk landing caulking gun. In a full coverage application trowel **FLEX-SEAL LIQUID MEMBRANE** in a smooth and continuous manner so as to achieve a minimum thickness of 3mm. In detail applications at perimeters and terminations where a fillet is being formed, trowel material into place and strike off at a 45 degree angle. Dimensions of the fillet should result in minimum 2 cm across the face. **NOTE THAT FLEX-SEAL LIQUID MEMBRANE MAY BE APPLIED ON THE UNDERSIDE OF DUREX MEMBRANES WITHOUT FEAR OF INCOMPATIBILITY.** For this application lay membrane in place immediately following placement of the **FLEX-SEAL LIQUID MEMBRANE**. If allowed to cure prior to membrane placement, apply **FLEX-SEAL LIQUID MEMBRANE** evenly so as not to leave an irregular surface for the subsequent placement of the membrane.

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**MOISTURE PROTECTION**  
COLD APPLIED LIQUID MEMBRANE

**COVERAGE:**

Surface conditions and application technique will influence coverage, however typically, a 5.7L (1.3 gal.) unit will cover 10m<sup>2</sup>. As a fillet and reinforcement a 5.7L (1.3 gal.) unit will cover 7.6m. For estimating purposes expect typical usage of one 5.7L unit/10 m<sup>2</sup> area.

**DRYING TIME:**

Although **FLEX-SEAL LIQUID MEMBRANE** is 100% solids, allow 24 hours for curing. To avoid tracking of freshly applied **FLEX-SEAL LIQUID MEMBRANE** schedule its application towards the end of the work day and restrict site traffic where possible.

**CLEAN UP:**

Clean tools with mineral spirits or paint thinner at the end of each work day. Cleaning solvents shall be used with care and in accordance with manufacturer's safety instructions.

**CAUTION:**

Make reference to applicable Material Safety Data Sheet for information on the safe storage and handling of **FLEX-SEAL LIQUID MEMBRANE**. This information can be provided by contacting **Durabond Products Limited**, located in Toronto, Ontario, (416)-759-4474.

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**DURabond**

Manufacturers and Distributors of High Quality Construction Products

55 Underwriters Road, Toronto, Ontario M1R 3B4

Tel: (416) 759-4474 Toll Free: 1-877-DURABOND (387-2266) Fax: (416) 759-4470

Email: [info@durabond.com](mailto:info@durabond.com) Website: [www.durabond.com](http://www.durabond.com)**C-17**