

### PRODUCT DESCRIPTION:

DUREX **DUR-A-SEAL LOX** is composed primarily of a siloxane solution. It is a one-component solvent-release material which hydrolyzes in contact with atmospheric moisture and forms a polysiloxane which is tack-free, hydrophobic and not visible.

### USES:

DUREX **DUR-A-SEAL LOX** has been specifically designed for application to vertical concrete and masonry surfaces. It is best applied on a dry surface. Cold substrates that are ice-free can be treated.

**DUREX DUR-A-SEAL LOX** penetrates into masonry and brick to provide a hydrophobic (water repelling layer) in the surface. This layer is predominantly below the surface where it is screened from the deleterious effects of ultra-violet light and moisture. The brick tends to shed dirt and remains easier to clean.

### CURING OR DRYING SCHEDULE:

**DUREX DUR-A-SEAL LOX** can be applied at sub-freezing temperatures providing no ice exists in the

substrate. Approximately 24 hours should be expected for cure time at most temperatures.

### COVERAGE RATES:

For porous surfaces:

1.5 to 2.5 m<sup>2</sup>/litre (61-102 ft<sup>2</sup>/gal.)

For dense bricks:

3.5 m<sup>2</sup>/litre (143 ft<sup>2</sup>/gal.)

For smooth dense concrete:

3 m<sup>2</sup>/litre (122 ft<sup>2</sup>/gal.)

A TEST SAMPLE SHOULD BE APPLIED TO ESTABLISH PRACTICAL COVERAGE ON THE ACTUAL SUBSTRATE

### SURFACE PREPARATION:

All substrates must be properly cleaned before the application of any sealer. A substrate clogged with dirt or oil is not suitable for sealer application. Building envelopes are rarely dirty enough to make preparation necessary. Protect surrounding area from over spray and rundown.

### TECHNICAL DATA

#### Physical Properties:

<b>Active ingredient:</b>	Siloxane	
<b>Solids:</b>	6%	
<b>Chemical type:</b>	oligomericorganosiloxane	
<b>Specific gravity:</b>	0.880	
<b>Viscosity:</b>	2 cps	
<b>Colour &amp; Finish:</b>	Clear, invisible	
<b>Flash point:</b>	44°C (112°F)	
<b>Shelf life:</b>	12-18 months	
<b>Coverage:</b>	Concrete Block:	1.5 - 2.5 m <sup>2</sup> /L (61-102 ft <sup>2</sup> /gal.)
	Dense Brick:	3.5 m <sup>2</sup> /L (143 ft <sup>2</sup> /gal.)
	Smooth Concrete:	3.0 m <sup>2</sup> /L (122 ft <sup>2</sup> /gal.)

#### Performance Characteristics:

TEST	STANDARD	RESULTS
<b>Water absorption:</b>	ASTM C-67	24 hr immersion 0.23% 4-5 hrs tack free dry 7-8 hrs traffic bearing

07190

MOISTURE PROTECTION  
SILOXANE WATER REPELLENT

## **MIXING & APPLICATION:**

**DUREX DUR-A-SEAL LOX** is supplied ready to use. Do not dilute. THE CONTENTS OF THE CAN MUST BE THOROUGHLY MIXED PRIOR TO APPLICATION. It may be applied by brush, roller or low pressure airless sprayer. It may be applied on dry or damp substrates.

Apply the material using a two-pass procedure, wet on wet at right angles to the first pass. An overspray or run down can be cleaned up immediately with Durex Solvent. Stubborn areas can be removed with oven cleaner and washed clean.

## **CLEAN UP & SAFETY:**

Until **DUREX DUR-A-SEAL LOX** has reacted with the substrate it is volatile, therefore no clean up is usually required. The solvent in **DUREX DUR-A-SEAL LOX** is flammable and all precautions necessary for the application of flammable sealers must be observed. There must be no smoking, no open flames, pilot lights, sparking motors, etc. in the vicinity. There must be adequate ventilation at all times. Care must be taken not to breathe the material as it is being applied; if necessary, use a fresh air mask. Goggles, gloves and other suitable safety

equipment should be worn. If spillage occurs on the skin, thoroughly wash the area with soap and water. Rinse eyes with water or eye flush solution for at least fifteen minutes - call a physician.

## **STORAGE:**

Sealed containers (as received from manufacturer) of **DUREX DUR-A-SEAL LOX** may be stored in an environment with temperatures ranging from -18°C to 30°C for a period of up to two years.

## **PACKAGING:**

Packaged in 22.5 litre pails (5 gal.) or 205 litre drums (45 gal.).

## **WARRANTY:**

**Durabond Products Limited** fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case **Durabond's** responsibility shall not exceed either the refund of the purchase price, or the replacement of the purchased product.

## **TECHNICAL SERVICES:**

Technical assistance for unique applications and design is available upon request from **Durabond Products Limited**.

# **DURabond**

Manufacturers and Distributors of High Quality Construction Products

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