

### Basic Description

Sealox H.D. is a high density superior non-gloss penetrating sealer designed to inhibit water absorption in cast in place concrete. Sealox H.D. is formulated for low pressure spray application to concrete traffic decks, parking structures, athletic stadiums and engineered concrete structures.

Sealox is a clear, ready to use sealer based on oligomeric alkylalkoxy siloxanes suspended in a highly mobile solvent carrier. The material's small molecular structure allows for maximum penetration into the concrete providing surface and subsurface protection. Upon reaction with the concrete, Sealox H.D. is transformed into a highly resistant siloxane compound which is chemically bonded for a long-term water-repellent effect. Sealox H.D. exceeds the standards of US specification 85-Wi 106.

### Advantages

- Excellent penetration into the pores of concrete and masonry.
- Breathable, allows moisture vapour to escape from within concrete and masonry
- Prevents freeze and thaw damage.
- Inhibits the tendency to efflorescence.
- Can be applied to surfaces which are slightly damp.
- Imparts excellent resistance to acids and alkalis.
- Maintains long term weather ability.
- Exhibits repellency immediately after application.

### Limitations

Use in well ventilated areas. Do not dilute Sealox with solvents or thinners. Protect metal, glass, and other surfaces from overspray. Do not use over saturated surfaces or curing membranes.

### Technical Data

Active	Oligomeric Alkylalkoxysiloxanes
Flash Point	112°F(44°C)
Shelf Life	6 months
Density	6.84 lbs per US gallon (0.821 gals)
Coverage*	2 – 4 M <sup>2</sup> / Litre
	100 – 200 FT <sup>2</sup> / Gallon

Depending on porosity\*

### Preparatory Work

Masonry surfaces should be clean and free of surface dirt, dust, oil or other surface coatings. New concrete should be well cured using water, wet burlap or polyethylene. All joint sealants or caulks should be in place.

### Application

Sealox should be applied by either brush, roller or spray in a heavy coat since its effectiveness increases with deeper penetration. Vertical surface should receive two "wet-on-wet" coats.