



At the Lab. In the Field.
By Your Side.

HYDROSTOP™

WATER REPELLENT SEALER



Product Code: K-770

June 1999

SEALERS

QUESTIONS: 1-800-267-8280 or www.kryton.com

DESCRIPTION

HYDROSTOP™ is a state of the art water-repellent sealer specifically designed for concrete, brick and masonry. **HYDROSTOP™** works better and lasts much longer than conventional sealers because it contains a unique blend of silane and siloxane compounds which chemically react with silicates below the surface of the substrate. This reaction forms an insoluble, water-repellent barrier within the surface that cannot wear away, fade, yellow, crack or peel. The finished application is virtually invisible, leaving the surface with its original appearance and breathability.

FEATURES

- Long lasting - up to 5 times longer than conventional sealers
- Easy to apply
- Fast drying and low odor
- Excellent penetration
- Breathable - excellent vapour transmission
- No change of surface gloss
- No darkening or only very slight darkening of original surface color
- Can be applied even in cold or damp conditions

BENEFITS

- Excellent water repellency keeps water out of your structure
- Complete breathability means **HYDROSTOP™** will not contribute to condensation problems
- Works as a chloride screen to protect against salt attack from de-icing salts, sea water, etc.
- Helps to protect reinforcing steel from corrosion
- Resists acid rain and other chemicals
- Helps to prevent freeze / thaw damage
- Resists mildew and moss formation
- Resists rust stains and efflorescence
- Requires no special tools to apply
- Does not change the appearance of the surface
- Cost effective - **HYDROSTOP™** outlasts other sealers by 5 to 1 or longer

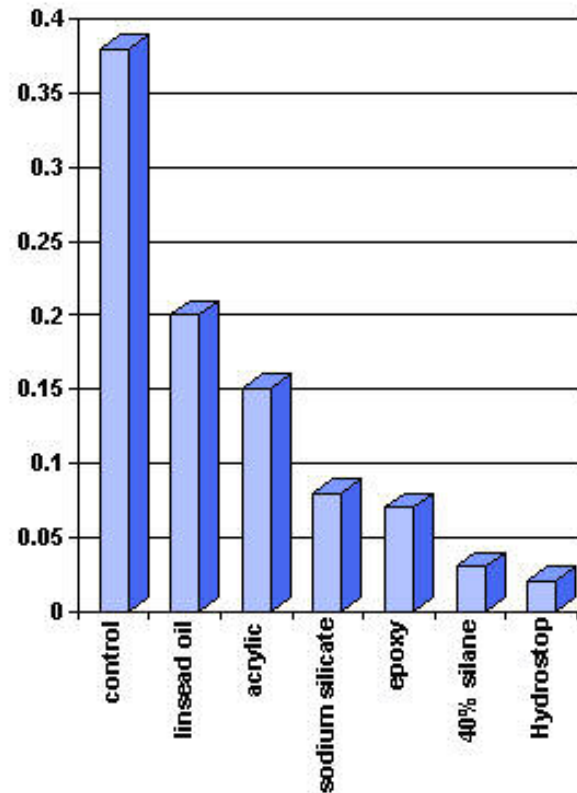
RECOMMENDED USES

- Bridge decks and supports
- Parking structures
- Concrete, block or brick walls and chimneys
- Driveways, including exposed aggregate
- Sidewalks, patios, balconies, steps

- Concrete pavers and retaining walls
- Marine floats and docks
- Stucco walls
- Concrete roof tiles and unglazed floor tiles
- Asbestos cement
- Use to treat any masonry surface made from concrete, brick, mortar, grout, tile, terra-cotta, plaster, stone and limestone.

TESTING

Moisture & Chemical Penetration After 90 days Exposure (as % of concrete mass)



TEST REPORTS AVAILABLE FOR HYDROSTOP

- U.S. Federal specification TT-C-555B section 4.4.7 -Resistance to Wind Driven Rain (98 Mph) - Warnock Hersey
- Waterproofing properties of **HYDROSTOP™**- Government of Quebec, Ministry of Transport

TECHNICAL DATA

The Kryton Group of Companies.

8280 Ross Street, Vancouver B.C. Canada V5X 4C6 Tel.: 1-604-324-8280 Toll Free: 1-800-267-8280 Fax: 1-604-324-8899 E-mail: info@kryton.com Web: www.kryton.com

APPLICATION

All surfaces to be treated must be clean and free from dirt, oil, loose paint, moss, mildew, laitance, efflorescence, form oils, and any other contaminate that may interfere with the penetration or reaction of the **HYDROSTOP™**.

HYDROSTOP™ is best applied with a low pressure sprayer. A common garden sprayer is adequate for most jobs. Airless spray equipment is more efficient for larger projects. **HYDROSTOP™** can also be applied by mop, flooding and squeegee, broom, brush or roller. Surface temperatures must be above freezing. **HYDROSTOP™** can be applied as a single flood coat, however two coats is recommended.

COVERAGE

Coverage varies with the porosity of the surface to be treated. A test patch should be conducted to measure exact consumption. Apply in two coats at the coverages listed below:

- tile/stone/slate 400 sq.ft./gal. per coat
- dense concrete 300 sq.ft./gal. per coat
- normal concrete 240 sq.ft./gal. per coat
- concrete block 200 sq.ft./gal. per coat
- split faced block 150 sq.ft./gal. per coat
- red brick 100 sq.ft./gal. per coat

LIMITATIONS

- Does not resist hydrostatic pressure
- Can not be repainted with water-based paints
- Not an oil repellent
- Is not effective on non-masonry substrates such as wood, vinyl, asphalt, metals, and painted or sealed surfaces.

PRECAUTIONS

- **HYDROSTOP™** is flammable, keep away from sparks and open flames. Extinguish any pilot lights. Do not operate electrical switches.
- Provide adequate ventilation when using.
- Store well sealed in the original container. Contact with moisture prior to use will prematurely react the product which may result in lower performance and possible darkening of the substrate.
- Do not store in direct sunlight or in temperatures above 30°C
- See the material safety data sheet (MSDS) for this product

PACKAGING

- 1 US gallon
- 5 US gallons
- 55 US gallons

TECHNICAL SUPPORT

Kryton is pleased to offer free technical assistance for this and all other Kryton Products. Call (604) 324-8280 during business hours (PST), or visit our website at www.kryton.com.