



HB-1 PROTECTIVE SEALANT GLOSS FINISH (WET LOOK)



HB-1 PROTECTIVE SEALANT

Description

Dynamatrix® HB1 Protective Sealant for Interlocking Pavers and Slabs is a high end Acrylic Sealant specifically designed to protect and enhance the look of Interlocking Concrete Pavers and Slabs. It penetrates deeply into the substrate for a maximum protection against most stains (oil, gasoline, gum, tar, rubber, rust, etc.) while rendering a clear wet look finish.

Carefully blended with thermoplastic resins and refined solvents, *Dynamatrix® HB1 Protective Sealant* is suitable for use in all weather conditions. It will offer you a rich and durable finish that withstands heat, sun, salts, frost and all aggressive weather elements. It will not peel, delaminate or yellow.

Features and Advantages

- Adequate Solids Content for Interlocking Concrete Pavers (20 %)
- Clear Wet Look Finish, enhances the colors of the treated surface.
- Penetrates deeply for better and more durable protection against stains
- Reduces damages due to freeze-thaw cycles.
- Resists all weather elements (sun, rain, frost, heat, salt, etc.)
- Will not trap moisture after fully cured
- Stabilizes the jointing sand
- Reduces moulds and moss growths
- Does not peel or yellow

Recommended Surfaces

For interior and exterior uses (UV stable), it can be applied on colored porous concrete surfaces such as:

- Interlocking Concrete Pavers
- Stamped or Patterned Concrete
- Exposed Aggregate Surfaces
- Natural and decorative veneers

Coverage

150 to 200 square feet per 3.78 L (1 gallon) depending on the surface treated.
750 to 1000 square feet per 18.9 L (5 gallons) depending on the surface treated.

Directions

A. Surface Testing

Before starting your project, always perform a surface test by applying the product on a small inconspicuous area and let the surface dry for 60 minutes. If you are satisfied with the results, proceed with the work.

B. Surface Preparation

1. Remove all stains with the adequate *Dynamatrix®* Cleaning Solutions.
2. Clean the entire surface area using *Dynamatrix® EF Efflorescence Cleaner*. This step is necessary in order to remove efflorescence deposits, ground in dirt and color variations. Let dry completely.
3. Let dry completely after cleaning. It is recommended to wait at least 24 hours without dampness before applying the *HB1 Protective Sealant*. However, if pavers have been exposed to full day sun for 6 hours after cleaning, you can proceed with the application.

C. Sealant Application

Conditions : When applying *HB1 Protective Sealant*, the ideal temperature should be between 18 °C (65 °F) and 25 °C (77 °F) with no rain in the forecast for the next 12 hours. The surface to be treated should be completely dry, clean and even looking. Morning application is recommended. (Application under scorching sun is not recommended)

Tools : Use a slit foam roller and a metal paint tray. If you wish to use a sprayer to apply the *HB1 Protective Sealant*, make sure that you back roll the surface immediately with the slit foam roller to even out the section.

Method : Starting at the highest point of the surface, proceed in small sections of 7 ft X 7 ft (2 m x 2 m) at a time. Using the slit foam roller, roll on only one generous coat of *HB1 Protective Sealant* to saturate the pavers and the jointing sand. Then, even out your section as if you were painting a wall and proceed to your next section.
Permit the sealed surface to cure for at least 24 hrs before traffic travels on it.

Re-Sealing : Use *Dynamatrix® HB2 Protective Sealant* for re-applications. If there is absolutely no more Protective Sealant visible at the time of re-application, apply another coat of *Dynamatrix® HB1*. Do not re-seal more than once every 2 years.

Caution

1. For newly installed surfaces, wait at least 60 days before using this product.
2. Do not apply if surface is damp or dirty.
3. Do not apply if weather is uncertain.
4. Do not apply in extreme heat. (Mid-day sun)

Packaging

Dynamatrix® HB1 Protective Sealant is available in 3.78 L (1 US gallon), 18.9 L (5 US gallons).

Storage

Keep in storage at temperature between 10 °C (50 °F) and 22 °C(72 °F). The shelf life of this product is 5 years in its original unopened container.

Safety Warnings

CAUTION: POISON, COMBUSTIBLE: MAY CAUSE SKIN AND EYE IRRITATION. CONTENTS MAY BE HARMFUL. FUMES MAY BE HARMFUL. Do not swallow. Do not get in eyes or on skin or clothing. Do not breathe fumes. Do not take internally.

KEEP OUT OF REACH OF CHILDREN. Wear a mask. Wear rubber gloves and safety glasses. Use only in a well-ventilated area. Keep away from flames or sparks.

FIRST AID TREATMENT: Contains light aromatic hydrocarbon, methyl methacrylate. If swallowed, call Poison Control Center or doctor immediately. If person is alert, induce vomiting. If in eyes, rinse well with water for 15 minutes. If on skin, wash with soap and water for 15 minutes. If on clothes, remove clothes. If breathed in, move person into fresh air. If unsure of condition, get medical attention immediately.

Clean-up

Clean all tools with lacquer or paint thinner.

Limited Warranty

This premium quality product was designed to satisfy the user. If you are not satisfied after Surface Testing on a small area, please contact our technical service department immediately. **NO WARRANTIES** expressed or implied are offered by *DYNA*. The Manufacturer's liability is limited to the replacement of products proven defective. The user assumes all risks and liabilities associated with the use of this product.

Notice

DYNA shall not be liable for incidental and consequential damages indirectly or directly sustained, nor for any loss or injury by the application of this product or for any other intended use. Before using, the user shall determine the suitability of the product for its intended use and the user will assume all risks and liabilities that may arise in connection therewith. *DYNA's* liability is expressly limited to the replacement of products proven defective.

Technical Support

If you have any questions or if you need any additional information on *DYNA's* products, please consult our website www.dyna.ca or reach us by e-mail at mail@dyna.ca.

Shipping Information

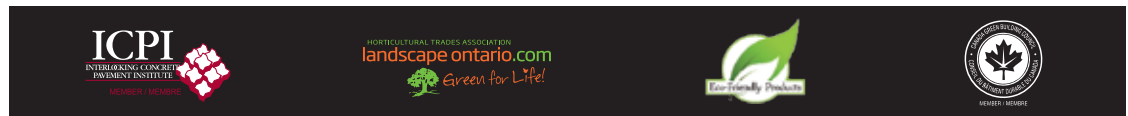
Ground and Maritime freight : Not Regulated
Packing Group : III

Version: 1

Technical Data

Test Procedure	Typical Values Obtained
Colour / Physical State	Clear, water-like liquid
Odour	Hydrocarbon
Viscosity @ 40 °C	25.90 cSt
Solids by Weight	20%
Specific Gravity	.90 g/ml
Flash Point	39 °C
V.O.C	< 395 g/L
Boiling Point	> 156 °C
Freezing Point	< - 52 °C
Application Temperature	45 to 95 °F (7 to 35 °C)
Touch Dry	30 to 60 Minutes
Re-Coat	2 to 4 Hours
Complete Cure	48 Hours
Coefficient of Friction ASTM F1679	> .65 Wet > .75 Dry
Slip Resistance	Excellent
Hot Tire Pick-Up Resistance	Excellent
Flexibility	Excellent
Chemical Resistance	Resists airborne pollutants, oil, yellowing, de-icing salt, acid rain, chlorine
Typical Film Build	2 Coats provide 3 mils dry film thickness
Abrasion Resistance ASTM D4060	Excellent
Tukon Hardness @ 180 °F	10
Tukon Hardness @ 300 °F	12.1
Tg	60 °C
Knife Adhesion	Excellent
Mustard Staining	None
Gasoline Resistance	Softens
Clean Up	Toluene or Xylene
Coverage per 1 U.S. gal (3.78 L)	200 to 350 sq. ft. (18.8 to 32.5 m ²)
Packaging	1 U.S. gal. (3.78 L), 5 U.S. gals. (18.9 L)
Shelf Life	2 Years
LEED Point Contribution	MR Credit 5, Regional Materials (Up to 2 Points)

We support the following organizations:



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