



DURIPAL-H

PENETRATING MASONRY WATERPROOFER

For Cementitious Surfaces

DURIPAL-H – Product Data Sheet

Inorganic Liquid Polymer

Description:

A clear, odorless, inorganic polymer for impregnating and waterproofing the surface of cementitious building products.

Uses:

To produce a moisture and waterproof surface on the positive side of any absorbent cementitious building material such as concrete, concrete masonry units, cement plaster, limestone, cast and natural stone.

Advantages:

- ◆ Ideal protection for outside walls, counteracting the effects of corrosive atmospheres, chemicals, salt spray and vehicle exhaust fumes.
- ◆ Maintains a cleaner appearance of buildings for longer periods of time.
- ◆ Protects concrete highways, driveways, parking garage floors and pavements from reactions with concentrated salt solutions that are frequently used to prevent icing.
- ◆ Makes concrete surfaces dust free.
- ◆ Water repellent and reduces surface permeability.
- ◆ Reduces and minimizes efflorescence.
- ◆ Protects old concrete and masonry, particularly after it has been cleaned.
- ◆ Is a water soluble solution that is applied directly to dry surfaces without priming.
- ◆ The correct use of DURIPAL-H does not affect the appearance of the treated surface. It will not leave a glazed appearance.

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TECHNICAL DATA

Color:	Clear
Odor:	None
Flash Point:	None
Toxicity:	None in normal use
Gases:	Surfaces impregnated with DURIPAL-H remain permeable to gases and vapor.
Liquids:	DURIPAL-H reduces the surface permeability of porous materials such as limestone or sandstone and air-entrained concrete, and forms a water repellent barrier.
Chemical:	Treated surfaces are protected against aggressive atmospheres, chemical pollutants, vehicle exhaust and salt spray. Protects concrete roadways from the destructive effects of de-icing salt.
Durability:	DURIPAL-H is inorganic and will not degrade in use. Lasts three to five years per typical application, depending upon ultraviolet radiation exposure.
Packaging:	Available in 1 gallon (3.79 L), 5 gallon (18.93 L) and 55 gallon (208.18 L) containers.
Coverage:	Surface absorption of DURIPAL-H can vary from 150 to 300 square feet per gallon (3.7 to 7.4 m ² per L) depending upon the porosity of the surface treated.

INSTALLATION:

Surface Preparation: Surface to be treated must be cleaned of any film, scale, loose material, oils, grease, dust, dirt, laitance, efflorescence, oil-based curing membranes or form release agents, paint, unsound concrete and any other material that will prevent penetration. Surface preparation may be accomplished by sand blast, water blast or chemical methods.

Application: Apply **DURIPAL-H** to cool surfaces whenever possible. Apply either with spray, brush or roller. It is important that only as much **DURIPAL-H** as the surface will readily absorb is applied. Remove any excess solution before it crystallizes on the surface.

Clean-Up: Clean equipment with water and a mild detergent.

Precautions: All glass surfaces must be protected from contact with **DURIPAL-H** to prevent etching. Must be applied to a clean, dry, sound surface. **DURIPAL-H** cannot penetrate materials saturated with water. However, if saturated surfaces are permitted to dry out they may be successfully treated. Saturated surfaces or surfaces which do not absorb water by capillary action will not absorb **DURIPAL-H**. To prevent formation of a white film, limit application so that no free **DURIPAL-H**, characterized by a shiny or slick appearance, remains on the treated surface. Avoid applying **DURIPAL-H** to hot (over 100°F, 38° C) surfaces. **DURIPAL-H** reacts more quickly in the presence of heat. Surfaces heated by the sun must not be treated while still hot or the **DURIPAL-H** will polymerize before penetrating. **DURIPAL-H** must be stored at temperatures above freezing. Do not use on colored brick.

CAUTION – FOR INDUSTRIAL USE ONLY:

In accordance with federal regulations, do not apply unless Material Safety Data Sheet (MSDS) is available on-site. Consult MSDS before using this product. Product is highly alkaline. If contact with eyes or skin occurs, flush immediately with copious amounts of water and contact a physician. If swallowed, induce vomiting and CONTACT A PHYSICIAN IMMEDIATELY.

WARRANTY

This product is warranted and guaranteed to be of good quality. Manufacturer, as its sole and exclusive liability hereunder, will replace material if proved defective. THIS WARRANTY AND GUARANTEE ARE EXPRESSLY IN LIEU OF ALL OTHERS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND MAY NOT BE EXTENDED BY REPRESENTATIVES OR ANY PERSONS, WRITTEN SALES INFORMATION, OR DRAWINGS IN ANY MANNER WHATSOEVER.

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