

## Description

Maxon-HW is a dual-purpose product. It provides long lasting protection against water infiltration, and deep introduction of a catalytic chemistry that reacts directly to alkali. It creates alkali hydrates that will become a complex silica hydrogel that bonds within the voids found in concrete. Maxon-HW will pass around various aggregates and fill empty spaces in the concrete matrix. The alkali will be turned into a natural compound, this will lessen other further reactions.

## Basic Usage

Maxon-HW will not alter the appearance of the surface or physical characteristics and will enhance surface traction quality, making it ideal for use on all new or existing concrete installations including bridges, decks, streets, airport runways, basements, parking garage decks, sidewalks, driveways, slabs, etc.

- Maxon-HW will enhance the bond between the concrete surface and the coating by increasing the density of the surface of concrete substrates.
- Provides long term protection of alkali silicate reaction and the effects of alkali-aggregate.
- Provides long term effective internal protection from the environment in concrete.
- Maxon-HW can access alkali up to 100mm to 150 mm (3" to over 5") in typical batch mix concrete.
- Maxon-HW will help add density to the upper portion of the concrete.
- Zero VOC, water-borne and can be used over large bodies of water without harm.
- Easy on equipment and fast cleanup.

## Standards Met

ASHTO CRD and ASTM tests.

CRD C48-73-ASTM C192-ASHTO T260-ASTMC-156-ASTM CD-4541-ASTM-666-ASTM C-309-AASHTO T-259-ASTM-672.

## Shelf Life

Shelf life is expected to be 5 years if container is new/sealed and stored in a cool, dry environment.

**Physical Properties**

Physical	Liquid
Color	Clear
Odor	None
Specific Gravity	1.11±
Flash Point	None
pH	12±
Toxicity	None
Boiling Point	212°F/100°C
Freeze Temperature	32°F/0°C
Hazardous Vapors	None
Weight Per Gallon	9.18lbs/4.16kg
Environmental Impact	Neutral
User-Friendly	Yes
Freeze Harm	None (allow to thaw completely)
Surface Bond Quality	Excellent
Flammability	None
VOC/VOS Content	None
Resistance to UV	Excellent
Paintable	Yes
Boiling Point	212°F / 100°C
Waste Disposal Methods	Non-Hazardous
Resistance to Abrasion	Excellent
Polymerization	None
Solids Before Applied	None
Solids After Applied	100%
Coverage	150-200 sq. ft. per US gallon/3.5 m <sup>2</sup> – 4.9 m <sup>2</sup> per liter

**Cure Time**

MAXON-HW does not cure in the traditional sense of "drying" once inside concrete. Do pay special attention to application and do not let it pool. Disperse with a broom or brush if necessary.

When MAXON-HW is applied onto existing concrete, you must wait 72 hours before applying any other coatings. If MAXON-HW is applied to new concrete, 28 days is recommended to reach full cure.

Refer to our Material Safety Data Sheet (MSDS) regarding regulatory compliance, safety, hazards, spill procedures and disposal of this product.

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