

# You own your floor forever

Why would you have to treat it more than once?

Whatever your needs...



We have the solution

And we have the test results to prove it!





W. R. MEADOWS®

SEALIGHT®

PRODUCTS  
FOR  
CONCRETE *Performance*



Since 1926, W. R. MEADOWS, INC. has built a coveted reputation for product quality, company integrity and service among architects, engineers, and contractors in both the private and public sectors of the construction industry. The company manufactures high performance, premium grade construction products that comply with the exacting and rigid engineering and governmental specification standards of today's demanding construction industry.

W. R. MEADOWS, INC. currently has 9 manufacturing facilities across North America in addition to an extensive R&D department. The company sells over 250 products through its worldwide distributor network. By and large, the company has over 40 years of experience in concrete chemicals and floor treatments along with 79 plus years in concrete industry.

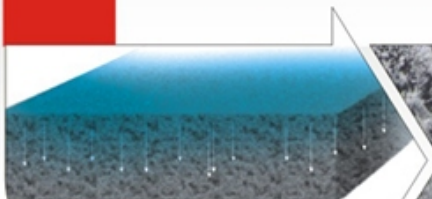
## LIQUI-HARD®

**LIQUI-HARD®** Concrete densifier and Chemical Hardener Compound is a ready-to-use, colourless liquid specifically designed to produce hardened, dust-proofed and improved chemically resistant surfaces wherever it is applied. Through a chemical reaction process, **LIQUI-HARD®** penetrates progressively through the concrete and chemically solidifies all the component parts into a homogenous concrete mass. Besides its densifying and hardening action, **LIQUI-HARD®** solidifies the concrete, eliminating dusting, rotting and pitting. **LIQUI-HARD®** meets the maximum VOC content limits of 400 g/L for concrete protective coatings as required by the U.S. EPA Architectural Coatings Rule.

### The **LIQUI-HARD®** process

PROCESS

Concrete becomes hard through a process known as hydration. Hydration is the chemical reaction between water and Portland cement. Hydration in concrete produces a comparatively soft, weak material called calcium hydroxide, which is commonly known as free lime. Calcium carbonate also occurs in concrete over time as a result of carbonation. **LIQUI-HARD®** when used on a concrete surface, penetrates progressively through the concrete surface and converts the weak calcium hydroxide and calcium carbonate compounds in the concrete to form beneficial calcium silicate hydrate (CSH), thus producing a hard, dense, and sealed surface through a process of crystalline growth.



Penetrates Deeply  
and Progressively



Chemically Converts



Into a Homogenous  
Concrete Mass

Chemical reaction to change bad components in concrete to good useful ones

# The LIQUI-HARD® BENEFITS



Untreated Surface



Water Resistant



Treated Surface

Provides an integral seal, sealing the pores to create a chemical, oil, stain, and grease resistant surface that is impervious to water

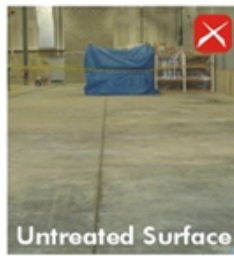


Untreated Surface



## Increases abrasion resistance

Increased By Over 50 Percent  
Dusting Eliminated  
Micro Pitting Eliminated



Untreated Surface



## Ability to highly polish

Normal Foot Traffic,  
Elimination Of Tire Marks  
Regular Housecleaning



Ability To Highly Polish  
With Burnishing



Increased light reflectivity  
Indoor or Outdoor use

## Improves with age



Independent laboratory testing



Environmentally friendly

Manufactured by a leader  
with experience and  
proven record of  
quality & performance

# The LIQUI-HARD® APPLICATION

## Industrial application



Industrial Plants



Warehouses



Petrol Retail Outlets



Sewage Plants



Refineries



Automotive Facilities



Chemical Processing Facilities



Heavy Engineering and Maintenance Yard



Dairy Plants

## Common application



Heavy Pedestrian Floor Traffic Areas



Civic, Sports Arenas, Stadiums



Airports and Aircraft Hangars



Food Processing Facilities



Hospitals



Parking Facilities



Distribution and Storage Centre



Railway Platforms

Warranty  
**10 YEARS**

W.R. MEADOWS INC. warrants that the concrete surface which has been treated with LIQUI-HARD®, and after specified hardening and sealing time will stay hardened, water repellent, abrasion resistant, and dust proof for minimum 10 years.

SOLE DISTRIBUTORS IN INDIA



**NINA**<sup>TM</sup>  
**CONCRETE**  
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AN ISO 9001 : 2000 COMPANY

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