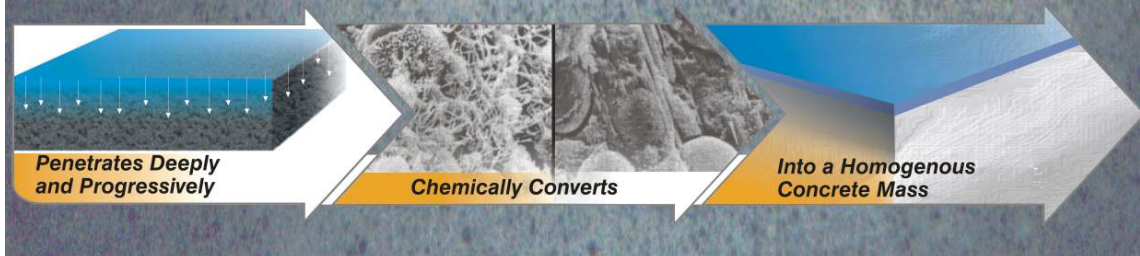


LIQUI-HARD PRODUCT INFORMATION



LIQUI-HARD

Stops Concrete from
DUSTING - PITTING - STAINING



Overview of **W.R. Meadows**

W. R. MEADOWS has been providing owners, designers and contractors with peace of mind for nearly 80 years. Protecting concrete is their business. **LIQUI-HARD** is a proprietary formula that penetrates the pores of your concrete to produce a tough, durable, dust-free surface.

LIQUI-HARD outperforms other products on the market to provide you with a tough, hardened surface, without the need for costly reapplication. Most importantly, it is designed to be applied once to last the life of your building. Untreated or improperly treated concrete can be a liability for the life of your building.

Making the right choices can be difficult.

Choose experience choose the leader choose **W. R. MEADOWS.**

W. R. MEADOWS has always been concerned about the environment. Nearly two decades ago, the Green Line® of environmentally responsible products/systems for concrete performance was introduced. They remain committed to producing environmentally friendly products and systems that meet or exceed the latest EPA standards and guidelines.

W. R. MEADOWS, INC. is dedicated to serving the high quality construction product/system needs of architects, engineers, contractors and building owners in both the public and private sectors of the building construction industry.

Since 1926, the family owned and operated company has been serving these needs guided by one vision and one philosophy set forth by their founders. Today, eight decades later, they remain their core values. W. R. MEADOWS' extensive line of premium grade, high performance products and systems are available worldwide through our authorized distributor network. By design, you'll find these systems hard at work in, on, around and under concrete.

Quality...Integrity...Service...Since 1926

What is Liqui-Hard?

Liqui-Hard is a colourless liquid concrete densifier and chemical hardener specifically designed to chemically solidify all the component parts of concrete into a homogenous mass.

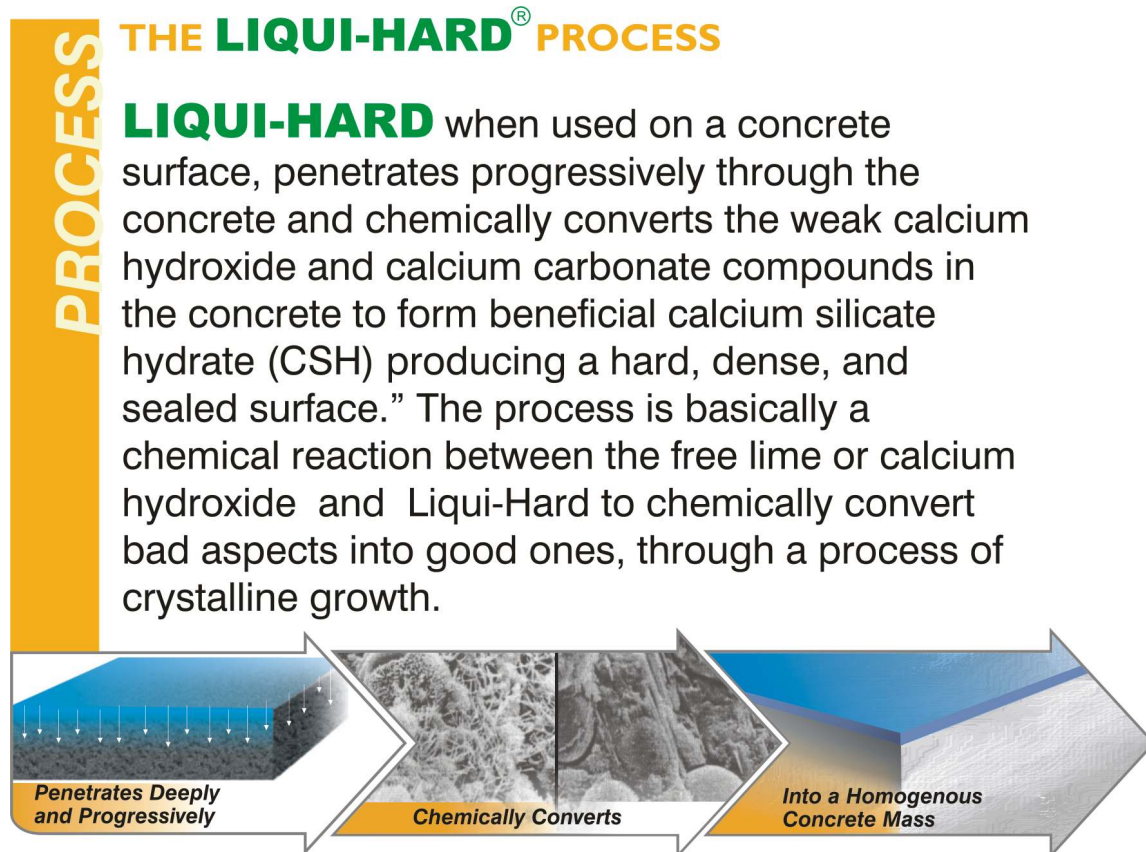
A **Liqui-Hard** treated floor is hardened, densified, dust proof, and chemical resistant that improves with age. Liqui-Hard chemically converts bad factors in concrete to useful good factors by a process of Crystalization.

Liqui-Hard may be used on fresh or existing concrete; it can be applied to fresh concrete after final troweling, can be applied to existing concrete free of curing compounds, oils and contaminates, and is for both indoor and outdoor use.

Hydration

Concrete becomes hard through a process known as hydration. Hydration is the chemical reaction between water and Portland cement.

Products of hydration: hydration produces a comparatively soft, weak material called Calcium Hydroxide (free lime).



BENEFITS

- CURING & SEALING
 - HARDENING & DUSTPROOFING
 - STAIN & CHEMICAL RESISTANT
 - RESISTANT TO TYRE MARKS
 - PERMANENT (Gets better with age)
 - ABILITY TO HIGHLY POLISH
 - ONE TIME APPLICATION
 - LOW TO NO MAINTENANCE
 - EASY TO CLEAN
 - NICE ATTRACTIVE FLOOR FINISH
 - SAFE WORK ENVIRONMENT
 - INCREASED WEAR RESISTANCE
 - IMPROVED LIGHT REFLECTION
 - LAST & ONLY FLOOR TREATMENT NEEDED
 - BACKED BY A **10** YEAR WARRANTY
 - COST SAVINGS!!!!!!
- Penetrates deeply into concrete to densify and harden surfaces to prevent entry of moisture and other foreign matter
 - Dustproofs and improves chemical, petroleum and abrasion resistance of treated surfaces
 - Prevents oxidation of iron aggregate floors
 - Protects against scratching or peeling
 - Provides tough protected surface that won't after-yellow, discolor or show pedestrian or vehicular traffic wear marks
 - Ready-to-use from container and easy-to-apply
 - VOC-compliant...actual VOC content is less than 100 g/L

WASTE OIL ON UNTREATED FLOOR



FLOOR BECOMES SATURATED,
STAINED, AND SLIPPERY AFTER
MINIMUM EXPOSURE TO WASTE OIL.

WASTE OIL ON "LIQUIHARD TREATED FLOOR"



LIQUI-HARD TREATED
FLOOR CLEANS UP EASILY
LEAVING NO STAIN OR RESIDUE

LIQUI-HARD

V

EPOXIES

+

TEST RESULTS

LIQUI-HARD®

EPOXIES

History	Over 35 years of solid performance, places treated that are still in existence.	No solid history.
Hardening	Increases hardening of normal floor.	No hardening of the floor.
Sealing	100% sealing for long life.	100% sealing but life is short in comparison.
Curing	It cures the surface. No time required for application.	Does not cure the surface. Needs full time curing before application.
Applications	Single.	Two or more.
Warranty	Warranted product.	Variable warranty.
Maintenance	Virtually eliminates the cost of maintenance, no costly re-coating required.	Requires re-coat, time to time.
Abrasion	Improves abrasion resistance by 50%	Deteriorates with abrasion of the floor.
Prices	Very economical compared to long term performance.	Very expensive compared to long term performance.
Airing	By sealing the surface it does not allow moisture to penetrate. Hence flaking off problem does not exist as it is an integral part of concrete.	Flakes off due to moisture penetration from surface where by creating bubbles in it.
Ageing	Improves with age.	Deteriorates with age.
Slippage	Gives a Slip Resistant surface.	Is slippery when wet.
Repair	No repairs required.	Costly to repair.
Reflectivity	Improves with age and opening to traffic.	Deteriorates with age.
U. V. Stability	U. V. Stable.	U. V. Unstable.

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

GUARDIAN OF THE PAVEMENT



W. R. MEADOWS
SEALTIGHT

PRODUCTS FOR CONCRETE PERFORMANCE

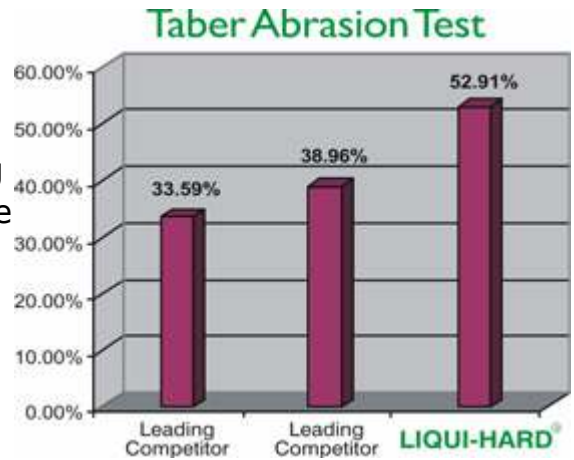
Warranty
10 YEARS

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 a minimum of 10 years.

TEST RESULTS

Untreated or improperly treated concrete can be a liability for you for the life of your building. Making the "right" choices can be difficult with all the claims made for concrete densifiers. We believe that side-by-side testing provides the owner with the ability to make the right choice.

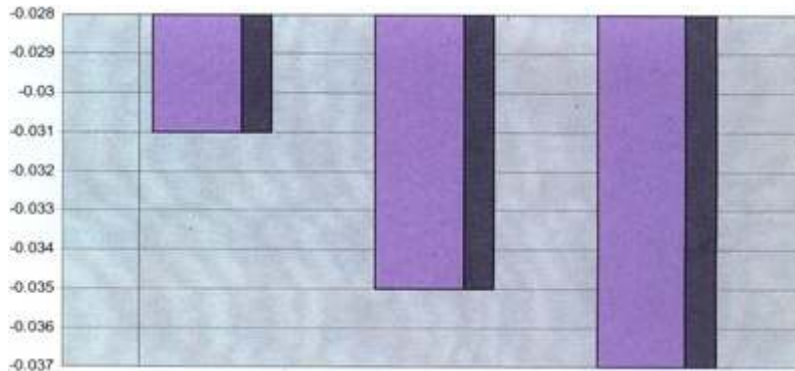
If you want the "toughest", choose LIQUI-HARD.



Utilizing the Taber Abrasion Test method, **LIQUI-HARD** showed a 52.9% increase in wear resistance as compared to a control untreated sample.

Abrasion Resistance ASTM C 779

DEPTH OF WEAR (INCHES @ 60 MIN.)



Independent testing according to ASTM C779 confirmed **LIQUI-HARD** provides superior abrasion resistance when

compared to other leading competitors.

Test Specimens were aged 14 days prior to treatment.

APPLICATION

Application of **Liqui-Hard** will not change the look of the concrete and will not interfere with the prospect of applying a floor finish in future if desired. Since **Liqui-Hard** is a treatment and not a film coating, it takes a number of months to complete its reaction. Application of **Liqui-Hard** will not severely disrupt immediate use of the area.

What are the common applications?



Heavy Pedestrian Foot Traffic Areas
Chemical Processing Facilities
Airports and Aircraft Hangars
Food Processing Facilities
Distribution Warehouses
Automotive Facilities
Parking Facilities

Sewerage Plants
Industrial Plants
Sports Arenas
Civic Centres
Refineries
Stadiums
Hospitals



LIQUI-HARD is a proprietary formula that penetrates the pores of your concrete to produce a **tough, durable, dust-free surface**.

LIQUI-HARD out performs other products on the market to provide you with a tough, hardened surface, without the need for costly reapplication. Most importantly, it is designed to be applied **once** to last the **life** of your building.

