

# Vapor Lock™ 401 System

Surface Hardening For Medium and Extreme Densification of Concrete Slabs

ASTM C494 Type S

## Ultimate Concrete Surface Densification at Placement



SPECIALTY  
PRODUCTS  
GROUP

### Contact Us

PO Box 33,  
Adelaide Airport  
SA 5950

Phone: (08) 8426 0352

[info@spggogreen.com.au](mailto:info@spggogreen.com.au)

[spggogreen.com.au](http://spggogreen.com.au)

**Solving the Moisture Issue In Concrete  
Slabs - Increasing Concrete Durability**

## Vapor Lock™ 401 Surface Hardening System

does not require a curing agent in moderate temperatures.

## Vapor Lock™ 401 Surface Hardening System

is compatible with wet curing or chemical curing.



### It all starts when the first yard of concrete is placed.

**Vapor Lock™ 401 Surface Hardening System** reduces damaging moisture vapor transmission and concrete dusting into the building. This is imperative for all of today's buildings that contain critical computer and chip technologies, robotics, high-value pharmaceuticals, and food cold storage. Reducing or even eliminating the risk factors associated with moisture and particulate contamination start with a sustainable building design and continues through corporate risk management and business continuity protocols.

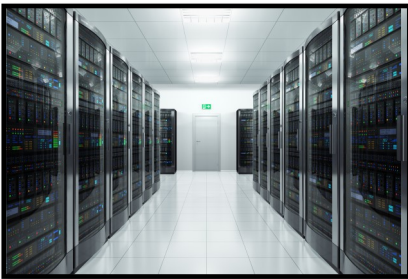
In a typical 9200m<sup>2</sup>\* building there are an additional 110,000\* liters of free water that will eventually make its way into the occupied space, Vapor Lock™ stops this from happening.

\*Approx.



## Controlling the Physical Environment

### Increasing Equipment Reliability - Reducing Maintenance - Maintaining Quality



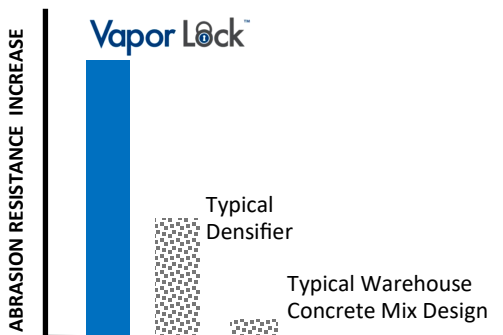
Data Centers



Cold Storage



Warehousing



### **DECREASING CRITICAL PATH TIMELINE...**

Conventional topicals published claims they increase densification by 30% as measured by an abrasion test (ASTM C779.) The **Vapor Lock™ 401 Surface Hardening System**, consisting of **Vapor Lock™ 20/20** in conjunction with **Vapor Lock™ 1**, increases densification by **70%** - two and half times more effective.

This process is completed at the time of finishing, no additional applications will be required. This represents a 2-4 week savings on critical path to completion of the project.

**...INCREASING DURABILITY**

For additional information, please refer to [spggogreen.com.au](http://spggogreen.com.au)



NSF-61 Approval