

# SILPRO

## VAPOR HALT™ 125

Reduces Moisture Vapor Emission From 25lbs to 3lbs or Less  
Can be Applied Over "Green" Concrete  
High Alkalinity Barrier (pH 13-14)  
Contributes to LEED Points  
No Sand Broadcast  
One Coat System  
100% Solids

SILPRO,LLC / 2 NEW ENGLAND WAY / AYER, MA 01432-1514 / 800-343-1501 / 978-772-4444 / FAX 978-772-7456 / WWW.SILPRO.COM

Silpro Vapor Halt™ 125 is a high performance, two component, low viscosity, moisture tolerant, solvent free, epoxy based product that reduces the passage of water vapor and moisture through concrete slabs on or below grade. By controlling the passage of water vapor through concrete, Vapor Halt™ 125 effectively eliminates delamination and degradation of adhesives, floor coverings, and floor coatings.

In as little as 12 hours, Vapor Halt™ 125 reduces moisture vapor transmission levels of up to 25lbs per 24hrs per 1000sq. ft, to 3lbs or less (<99% RH to ≤ 75% RH), allowing the installation of most floor covering systems, including carpet, sheet vinyl, VCT, wood, laminates, epoxy, terrazzo, and other synthetic floor coverings.

### ADVANTAGES

- 100% Solids
- Low Viscosity
- Does Not Support Mold Growth
- Minimal Downtime, faster installation
- Vapor and Water Barrier
- Solvent Free
- Compatible with Most Flooring Systems

### TYPICAL APPLICATIONS

Silpro Vapor Halt™ 125 is typically used on concrete slabs in industrial, retail, hospital, school, etc., applications for the following:

- **Water-vapor Transmission:** For use on concrete slabs, some cementitious underlayment (not gypsum) and ceramic tiles with absent or compromised vapor barriers under the slab.
- **Green Concrete:** For use on concrete as new as 5 days old to prevent high moisture levels from affecting the subsequent flooring. Shrinkage cracks in the concrete may still occur.

**Note:** Contact Silpro for below grade slabs, heated slabs, and garages.

### TECHNICAL DATA

Material & Color	2-component clear epoxy
Density	9.08lbs/gal (1.09± 0.02 kg/L)
VOC Content	0g/L
Volume Solids	100%
Flash Point	Part A >212°F (>100°C) Part B >248°F (>120°C)
Mixing Ratio	100:50 (by weight)
Viscosity	600±80 cps (mPa*s) at 77°F (25°C)
Pot Life, approx.	35 Minutes at 73°F (23°C)
Open to Foot Traffic	After 12 hours at 73°F (23°C)
Recoat Time at 73°F (23°C)	
Minimum	12 hrs.
Max	5 days, observe the dew point!
Working Temperature	Minimum 50°F to 95°F (10°C to 35°C)
Curing Temperature	Minimum 50°F (10°C)
Full Strength	After 7 days at 73°F (23°C)
Adhesion to Concrete	500 psi (3.5 MPa) @ 7d (dry concrete) Failure in substrate (ASTM D-4541 modified)
pH 14 Resistance	Pass 14 day test. (ASTM D-1308)
Average Critical Radiant Flux (CRF)	1.00 W/cm <sup>2</sup> –Passed=non- flammable (ASTM E 648-03)

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For Customer Service, Call Silpro at 1-800-343-1501

## 1. PRE-INSTALLATION JOB CONSIDERATIONS

To successfully apply **Silpro Vapor Halt™ 125**, the Installer must determine the level of moisture that presents a potential problem, the extent to which the concrete slab is contaminated, and the structural integrity of the substrate.

### Scenario 1

*If:* the slab is brand new, has had no surface applied sealers or hardeners applied, has not been contaminated by various other materials such as hydrocarbons and other organic compounds, un-reacted silicates, ASR, Sulfurous compounds, etc., and the Property Owner states in writing that the slab fits all of the criteria listed above, (this releases the Installer and Silpro from liability);

*Then:* Water-Vapor Emission Testing is the only testing required before surface preparation.

### Scenario 2

*If:* the slab is old, contaminated, sealed, or the history of the slab is unknown;

*Then:* Water-Vapor Emission Testing AND testing for contaminants is needed.

### Scenario 3

*If:* the slab contains moving cracks or is brand new;

*Then:* Brand new slabs may be subject to subsequent cracking, including shrinkage cracks. These along with movement in existing cracks, post-cracking of the concrete, slab warping, or warping relaxation at joints, and any other cracks after the **Vapor Halt™ 125** is installed may cause a break in the coating.

## 2. PRE-INSTALLATION SUBSTRATE TESTING

### Water-Vapor Emission Testing

Silpro strongly recommends "Anhydrous Calcium Chloride" testing as per ASTM F 1869-98 on slabs to be treated in order to determine the MVER (Moisture Vapor Emission Rate) in lb/24hrs·1000 ft<sup>2</sup>. (grams/hr· m<sup>2</sup>).

Alternately, determine the RH content % as per ASTM F-2170. The testing must be carried out before the application of **Vapor Halt™ 125**.

## PRE-INSTALLATION SUBSTRATE TESTING CONTINUED

### Contaminants

Due to the fact that reliable answers regarding past sealer use or slab contamination are not always available, ask the Owner of the facility to test those slabs with unknown history for contaminants to determine the suitability of using **Vapor Halt™ 125**. These contaminants can include things like hydrocarbons and other organic compounds, un-reacted silicates, ASR, Sulfurous compounds, etc.

### Testing For Contaminants

1. Extract (dry) multiple cores of the concrete substrate that are 2-4 inches in diameter and 2-4 inches in length.

**Note:** The number of cores that need to be extracted is based on the size of the area. In general, all jobs require a minimum of 2 core samples. Jobs over 10,000 sq. ft., require a minimum of 4 core samples, and jobs over 50,000 sq. ft. require a minimum of 6 core samples. The number of cores required is dependent on a multitude of variables including size, past use of space, known contaminates, etc. To determine the proper number of core samples required for a particular job contact Silpro.

2. Send core samples to an independent lab for analysis. Silpro recommends Mineralogy, Inc. for this testing:

*Mineralogy, Inc.*  
*Attn: Tim Murphy*  
*3228 E. 15th Street*  
*Tulsa, OK 74104*  
*Phone: 918-744 8284*

3. Have the lab test for the following:  
*Inorganic content:* with Ion Chromatography, sample depth 0-3mm and 3-6mm below top of concrete surface for Sodium (Na), Potassium (K), Sulfate (SO<sub>4</sub>) and Chloride (Cl) concentrations in ppm. Further test depths 6-9 mm and 9-12 mm may be necessary, depending on the results for the 3-6mm depth.

*Organic content:* with Infrared Spectroscopy Analysis.  
**Results in ppm and %.**

*ASR (Alkali Silica Reaction)*

**Note:** All testing costs are the responsibility of the Installer.

4. Depending on the initial test results for contaminants received (contact Silpro for additional information.) further testing may be required such as:

*Microscopic Analysis of the split core, X-Ray Diffraction Mineralogical and/or Energy Dispersive X-Ray Analysis.* Silpro will then decide whether the installation of **Vapor Halt™ 125** is appropriate and whether it can be warranted.

### 3. INSTALLATION

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Regardless if the slab is “clean” or is contaminated by sealers or other contaminants, Silpro recommends a test sample be placed to determine the suitability of **Vapor Halt™ 125** with the substrate.

#### Test Sample Procedure

Using a minimum of a 10 ft x 10 ft area, divide the space into 4 equal areas.

Over the first section, make 1 pass with the shot blast machine. Make 2 passes over the next area. 3 passes over the third area, and finally 4 passes over the fourth section.

Test to see if the substrate is absorptive with water droplet method (if the water beads, the substrate is not absorptive, if the water soaks into the substrate within 30 seconds, it can be considered absorptive).

If the substrate is not absorptive, apply one coat of **Vapor Halt™ 125** to the dry substrate and let dry for 24hrs.

Glue adhesion disks to each of the four sample areas and allow 4 days to cure.

Test direct tensile adhesion with “Elcometer” or equal equipment.

Report adhesion values (in psi) and location of failure (whether the adhesion failure is in the concrete or between the concrete and **Vapor Halt™ 125**) to Silpro.

#### Surface Preparation

All concrete must possess a minimum of 2,500 psi compressive strength and must be clean, sound, and absorptive. New concrete must be a minimum of 5 days old.

**Note:** Shrinkage cracks may still occur and will void the warranty of **Vapor Halt™ 125**.

Remove all existing floor coverings, adhesives, coatings, curing compounds, dust, efflorescence, grease, laitance, and all other bond-inhibiting materials down to sound concrete by shot blasting, scarifying, or grinding with a diamond cup blade at low rpm to ensure profiling as opposed to polishing.  
**Note:** Acid etching is not acceptable.

Mechanically prepare the concrete to a surface profile of ICRI CSP 3-5 (ICRI Guideline No. 03732, Des Plaines, IL).

Double check to see if the substrate is absorptive using the water droplet method (if the water beads, the substrate is not absorptive, if the water soaks into the substrate within 30 seconds, it can be considered absorptive).

### INSTALLATION CONTINUED

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Burn off reinforcing fibers and vacuum remnants.

Remove glaze from quarry tiles.

Repair cracks by mixing 5 parts sand with 1 part fully mixed **Vapor Halt™ 125** and using this mortar mix to patch cracks.

Treat control joints (saw cuts) and expansion joints as follows: (See Illustration on Page 4)

Pre-dampen all the prepared concrete (except quarry tiles) 3 times with clean water to SSD (Saturated Surface Dry). Do not leave standing water.

#### Mixing

When mixing (and applying), wear goggles and chemical resistant gloves.

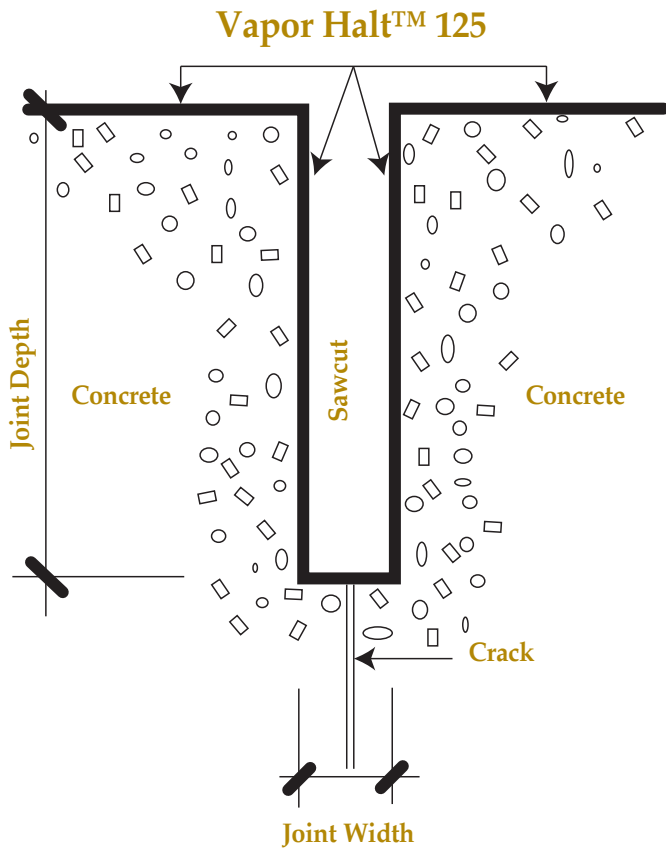
The **Vapor Halt™ 125** should be a minimum of 60°F (15°C) when being mixed.

Do not alter mixing ratios or thin **Vapor Halt™ 125**.

Part A (Resin) and Part B (Hardener) are supplied in the appropriate ratios. Always mix a complete kit in the ratios supplied.

With a long screwdriver, pierce the top rubber center of the can all the way through the bottom of the top container, allowing the hardener to drain completely into the resin.

Mix the combined contents for approximately 3 minutes using a slow speed drill (approx 300rpm) with a paint mixing paddle (ex. PS Jiffy), taking care to mix the material at the bottom and sides of pail. Mix until a streak free, homogeneous mix is achieved. Avoid entrapping air into the mix.



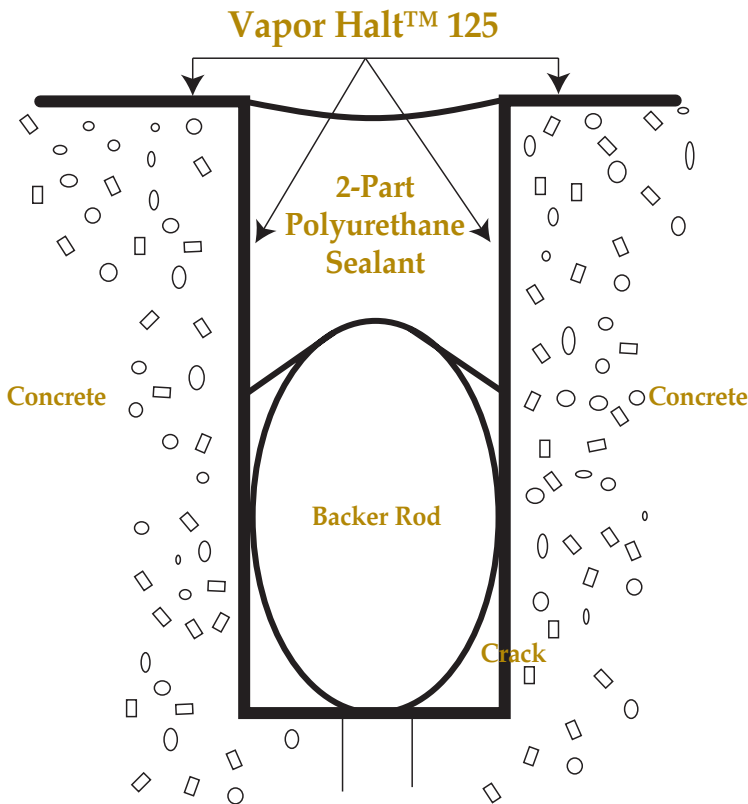
**SEALING OF SAW CUT JOINTS IN CONCRETE SLABS**

**A. Concrete less than 6 months old:**

- Coat slab surface with Vapor Halt™ 125 as per specifications.
- Coat sidewalls and bottom of cavity with Vapor Halt™ 125.
- Fill cavity with a polyurethane sealant.
- Install sub-flooring system.

**B. Concrete more than 6 months old:**

- Coat slab surface with Vapor Halt™ 125 as per specifications.
- Coat sidewalls and bottom of cavity with Vapor Halt™ 125.
- Indoors: Fill cavity with quartz sand.
- Outdoors: Fill cavity with a polyurethane sealant.
- Install sub-flooring system.



**SEALING OF EXPANSION JOINTS IN CONCRETE SLABS**

- Coat slab surface with Vapor Halt™ 125 as per specifications.
- Coat sidewalls and bottom of cavity with Vapor Halt™ 125.
- Allow Vapor Halt™ 125 to cure for a minimum of 12 hours at 73° F (23° C).
- Install backer rod.
- Fill cavity with a polyurethane sealant or as specified by the A/E.
- Install sub-flooring system.

## INSTALLATION CONTINUED

### Application

Equipment needed: Notched squeegee, 1/2" or 3/8" non-shed synthetic nap roller, and long handled scrub brush.

Do not apply **Vapor Halt™ 125** if the air or substrate temperatures are below 50°F (10°C) or above 95°F (35°C).

Do not apply to unprotected surfaces or surfaces where standing water (puddles) exists.

Protect the area where **Vapor Halt™ 125** is to be applied from strong sun light, wind, rain, and substantial drafts.

Insure that the material is applied in the specified coverage rate by marking off areas to be covered into sections containing the specified amount of sq. ft. for the amount of material being used.

Install **Vapor Halt™ 125** per the following application rates:

Moisture Vapor Emission Rate lb/24hr per 1000sq. ft	Number of coats	Sq. ft per gallon	Approx. thickness in mils	Sq. ft yield per 2.4 gallon
up to 10	1	155	10	370
10-15	1	130	12	310
15-20	1	105	15	250
20-25	1	80	20	190
Stand alone coating on slabs	1	80	20	190
New concrete (minimum 5 days old)	1	80	20	190

Or the following application rates:

RH-Relative Humidity Testing per ASTM F-2170	Application rate by Sq. ft per gallon
<85% RH	155
85-90% RH	130
90-95% RH	105
95-100% RH	80

## INSTALLATION CONTINUED

**Note:** All values are approximate. Variations may apply due to the porosity and absorption of the substrate.

Pour the **Vapor Halt™ 125** in sufficient quantity over the pre-dampened area (except quarry tiles) to be treated and distribute uniformly with a notched squeegee or non-shed roller to the STILL MOIST substrate.

Scrub the **Vapor Halt™ 125** into the pores of the substrate with a long handled scrub brush.

Once scrubbed in, follow by rolling with a non-shed roller to achieve uniform coverage (**Note:** **Vapor Halt™ 125** self levels and can flow into low areas and build up due to its low viscosity).

Protect fresh application from rain or water for 4-6 hours.

Observe relative humidity and dew point when installing flooring over **Vapor Halt™ 125**.

When walking over the cured **Vapor Halt™ 125**, cover shoes with cloth (Tyvek, etc.) prior to applying the finish flooring.

### Sub-floor Underlayments or Patches

If a more level or smooth surface is required, Silpro's cement-based underlayments, screeds, and patches may be used over **Vapor Halt™ 125** without the use of a primer as long as they are applied after **Vapor Halt™ 125** has been down for 12 hours and before 4 days.

### Applying Finish Flooring

**Resinous Flooring:** Coatings such as epoxy, terrazzo, and polyurethane must be applied within the 12 hour to 4 day recoat time. If this window of time is missed, the **Vapor Halt™ 125** must be roughened. Re-treat outgassing bubbles and pinholes by grinding the surface and cleaning off the residue (not applicable to "fish eyes"). While the surface is dry, recoat with **Vapor Halt™ 125**.

**VCT, Sheet Vinyl, Wood, and Carpet:** These floor coverings must be applied within the 12 hour to 4 day recoat time.

**Note:** Water-based adhesives require a cement-based "blotter" coat at a minimum of 1/8" thick to absorb the moisture from the adhesive and allow proper curing. Refer to Silpro's Fasco®, Silflo®, or other flooring product data sheets.

Pressure sensitive adhesives installed directly over **Vapor Halt™ 125** will require a longer "tack" time than listed on the manufacturer's data sheet to prevent solvent entrapment or adhesive moisture.

## INSTALLATION CONTINUED

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### Recoat time

The minimum recoat time is 12 hours and the maximum is 4 days. If recoat time is missed, the surface of the Vapor Halt™ 125 must be sanded, cleaned with hot water, and allowed to dry before the application of a second coat of Vapor Halt™ 125.

### Clean up

Immediately clean all equipment and tools with mineral spirits.

## PACKAGING

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2.4 gallon/22lb (9.2L/10kg) unit

*Part A-1.5 gallon/14.48lb (5.8L/6.58kg)*

*Part B-0.9 gallon/7.52lb (3.4L/3.42kg)*

## STORAGE

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Store in a cool dry place. Temperature should range between 50° – 80°F. Keep out of direct sunlight. Precondition to 70°F +/- 5° prior to using.

## SHELF LIFE

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2 years in unopened original packaging when stored in a cool, dry place.

## CAUTION!

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Vapor Halt™ 125 contains epoxy resins which are irritants and amines which are corrosive. Avoid contact with skin and eyes and prolonged inhalation. Wear chemical resistant gloves and safety goggles. After contact with skin, wash immediately with soap and water and rinse thoroughly. In case of eye contact, rinse opened eye for several minutes under running water and immediately seek medical advice. After inhalation, supply fresh air and call doctor for safety reasons. Use NIOSH/MSHA approved vapor respirator in poorly ventilated areas.

**See Material Safety Data Sheet for detailed information.**

FOR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION.

Dispose of in accordance with local, state, and federal regulations.

In case of a medical emergency or for information regarding spillage clean up or disposal call INFOTRAC: 800-535-5053.

#### 4. 10-YEAR LIMITED MATERIAL WARRANTY

Silpro LLC warrants to the owner of the premises at the time of installation that for a period of 10 years after installation its products are free of manufacturing defects.

As the sole remedy, Silpro LLC will replace, at our discretion, or refund the purchase price of any product which is proven to be defective, provided that the product was properly applied. Our product recommendations are based on Industry Standards and testing procedures.

We assume no warranties either written, expressed, or implied as to any specific methods of application or use of the product.

SILPRO LLC MAKES NO WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND DISCLAIMS ALL SUCH WARRANTIES; THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED.

Silpro LLC shall not be liable for damages of any sort including without limitation indirect or consequential damages, down time, or delay. This limited warranty is not transferable without Silpro's prior express written consent.

For the Vapor Halt™ 125 Ten Year Limited System Warranty, contact Silpro at 800-343-1501.

#### 5. 10-YEAR LIMITED MATERIAL WARRANTY DETAILS

Silpro Vapor Halt™ 125 is eligible for a 10-Year Limited Material Warranty. Application rates are based on the measured calcium chloride test results provided by the Installer. However, the minimum application rate is 15lb and maximum is 25lbs/24hrs/1000sq ft.

The Warranty Application Part A and B must be filled out by the Installer and forwarded to Silpro prior to the start of the application to qualify for the Warranty. In addition, the Warranty Application Part C must be submitted no later than 2 weeks after the installation of Vapor Halt™ 125.

For testing requirements, see Pre-Installation Job Considerations. Costs to be borne by Owner of property or Installer.

The installer must be trained or approved by Silpro to qualify for this warranty.

Not covered in the Limited Material Warranty are:

1. Clean rooms, slabs with active steam lines, or slabs with floor heating or cooling systems.
2. Installer is solely responsible for proper product application. Site visits by Silpro personnel or representatives are solely for the purpose of making technical recommendations, not for providing supervision or quality control.
3. This Warranty does not apply to slabs which are oil contaminated and which require degreasing agents or microbial remediation for surface preparation.
4. These requirements may be updated periodically. Please consult our office to assure that you have the current version.

This Warranty shall be void if:

1. Vapor Halt™ 125 is not installed as per Silpro technical instructions, including but not limited to proper surface preparation, structurally sound substrate and prescribed application procedures.
2. Vapor Halt™ 125 fails to bond due to a cohesive substrate failure in the concrete surface due to the presence of penetrating sealers, bond-inhibiting contaminants, ASR (alkali silicate reaction), oil, chloride or sulfate contaminated slabs, undisclosed pre-existing conditions, breaks within the concrete, or deviations from the reported pre-installation measured MVER (Moisture Vapor Emission Rate).
3. Water vapor emission occurs due to pinholes or outgassing channels in the Vapor Halt™ 125, cracks developing in the substrate after the application of Vapor Halt™ 125, or movement from dynamic joints. Cracks and joints are not covered by this Warranty.

There are no other warranties or guarantees expressed or implied, and no salesman, agent, representative, distributor, or dealer has the authority to expand, alter, or waive these provisions.

**6. WARRANTY APPLICATION PART A**  
**PROPERTY OWNER OR GENERAL CONTRACTOR**

**Note:** This section must be submitted to Silpro at bid time or before ordering Vapor Halt™ 125 to determine the eligibility of the project for the Vapor Halt™ 125 Limited Material Warranty.

Project Name: \_\_\_\_\_

Project Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

This part is to be filled out by the property owner, its legal representative or the general contractor.

Property Owner/General Contractor: \_\_\_\_\_

Tel: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

1. Property owned since: \_\_\_\_\_

2. Structure was built in: \_\_\_\_\_  
or approximate age of property (in years): \_\_\_\_\_

3. How many previous Owners: \_\_\_\_\_

4. What was the slab previously used for: \_\_\_\_\_

5. Has the slab been treated with a sealer, surface hardener, or similar (yes/no): \_\_\_\_\_

*If yes, provide concrete core test results for Sodium (Na), Chloride (Cl), and Potassium (K) contents for 0-3mm and 3-6 mm.: \_\_\_\_\_*

6. Slab location (on grade or below grade): \_\_\_\_\_

7. What curing method or curing agent has been used (for new slabs only): \_\_\_\_\_

8. What is the present flooring system (Check one)  
 None  Epoxy  VCT  Carpet  
 Ceramic Tile  Terrazzo (age in years) \_\_\_\_\_

Asbestos Tiles  Other \_\_\_\_\_

9. Was there a flooring system before the present one (yes, no, or don't know) \_\_\_\_\_

*If the answer is yes or don't know, provide core analysis*

10. Has a mastic remover been used to remove an existing adhesive (yes or no) \_\_\_\_\_

*If the answer is yes, please provide the product name and manufacturer. \_\_\_\_\_*

11. Has the concrete been exposed to oil due to a working process (yes or no) \_\_\_\_\_

12. Has the slab been exposed to cleaning agents or other chemicals (yes or no) \_\_\_\_\_

*If yes, what chemicals \_\_\_\_\_*

13. Moisture Testing of new and old slabs: Provide "Anhydrous Calcium Chloride" test results as per ASTM F-1869-98 and/or "RH-Relative Humidity Testing" as per ASTM F-2170. \_\_\_\_\_

14. Testing of Old Slabs: Provide the following test results from a minimum of two concrete cores (2-4 inch diameter and 2-4 inch length) extracted from the slab to be treated (costs paid for by owner) to identify the presence of penetrating sealers and other contaminants in the substrate.

*A. Ion Chromatography, sample depth 0-3mm and 3-6mm for Sodium (Na), Potassium (K), Sulfate (SO4) and Chloride (Cl) content in ppm.*

*B. Infrared Spectroscopy, sample depth 0-3 mm, reporting organic content, solvent based strippers, etc. in ppm and %.*

*C. ASR (Alkali Silica Reaction).*

*D. If requested, or available: Microscopic Analysis of the split core, X-Ray Diffraction Mineralogical and/or Energy Dispersive X-Ray Analysis .*

**Notes:**

- The number of cores necessary to be determined by Silpro LLC in conjunction with the size of the area (see Pre-Installation Substrate Testing)
- Costs of extracting and testing cores to be paid by owner or applicator.
- Test results must be sent with a sketch showing the location of the extracted cores
- Bond failure of Vapor Halt™ 125 to the substrate due to the presence of undisclosed sealers (potassium silicates, etc.), organic compounds (oil, grease, unsaturated fatty carboxylate salts, etc.) and solvent based strippers is excluded from warranty.
- Slabs older than 15 years or with unknown history may require more investigation and testing. This is to be determined by Silpro.

15. Information Source (Check one)  
 Owner  General Contractor  Installer

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

## 7. WARRANTY APPLICATION PART B INSTALLER

This Form is to be filled out by the installer of  
Vapor Halt™ 125 prior to the installation of the product.

Installer Company: \_\_\_\_\_

Tel: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

### Present condition

1. Concrete slab: \_\_\_\_\_

2. Thickness: \_\_\_\_\_

3. Age: \_\_\_\_\_

4. Structurally Sound: \_\_\_\_\_

5. Pandeck (yes or no) \_\_\_\_\_

*If yes, is it  vented or  non vented (check one)*

6. Reason for Vapor Halt™ 125: \_\_\_\_\_

7. Architect/Engineer (yes or no) \_\_\_\_\_

*If yes, please provide name and phone number*

8. Existing water vapor transmission (in lbs per 24hr per 1000  
sq.ft. and for indoor applications only): \_\_\_\_\_

9. Attach test results of "Anhydrous Calcium Chloride" tests.  
*Number of tests enclosed:* \_\_\_\_\_

10. Relative Humidity Testing: \_\_\_\_\_ % RH

11. Total area to be treated: \_\_\_\_\_ Sq. Ft.

Area  Indoors or  Outdoors (check one)

12. Application (check one and fill in application rate in Sq. Ft.  
per gallon)

a. 0-15lbs 1 coat, application rate \_\_\_\_\_ Sq. Ft. per gallon

b. 0-20lbs 1 coat, application rate \_\_\_\_\_ Sq. Ft. per gallon

c. 0-25lbs 1 coat, application rate \_\_\_\_\_ Sq. Ft. per gallon

d. New concrete 5 days old,  
1 coat, application rate \_\_\_\_\_ Sq. Ft. per gallon

13. Required minimum Vapor Halt™ 125

\_\_\_\_\_ Sq Ft. / \_\_\_\_\_ .Sq. Ft. per gallon = \_\_\_\_\_ gallon

14. Anticipated surface preparation (check one)

Steel Shot Blasting  Scarifying

Diamond cup grinding

**Note:** Appropriate surface preparation is required for  
warranty. Muriatic acid is unacceptable.

15. Expected Finish Floor Coverings (list type and name and  
provide data sheets for each product)

Underlayment: \_\_\_\_\_

Adhesive: \_\_\_\_\_

Flooring (VCT, wood, etc.): \_\_\_\_\_

Epoxy: \_\_\_\_\_

Synthetic rubber: \_\_\_\_\_

Other: \_\_\_\_\_

16. Approximate cost of flooring system \$ \_\_\_\_\_  
per Sq. Ft. installed

17. Will a test application be performed: \_\_\_\_\_  
*If yes, what is the size of the test area (sq.ft.):* \_\_\_\_\_

18. Are there inorganic or organic contents in the substrate:  
 Yes  No

19. Any additional information: \_\_\_\_\_

### Installer

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

### Silpro LLC

Comments: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**8. WARRANTY APPLICATION PART C**  
**INSTALLER**

**Note:** This section must be submitted to Silpro no later than 2 weeks after installation of Vapor Halt™ 125 by the product installer to Fax (978) 772-7456 or e-mail info@silpro.com.

Date: \_\_\_\_\_

Project Name: \_\_\_\_\_

Project Address: \_\_\_\_\_  
\_\_\_\_\_

General Contractor: \_\_\_\_\_

Tel: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Warranty to be issued to: \_\_\_\_\_  
\_\_\_\_\_

Tel: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

1. Date Started: \_\_\_\_\_

Date Completed: \_\_\_\_\_

2. Concrete slab Info:

Thickness: \_\_\_\_\_ inches Age: \_\_\_\_\_ Yr: \_\_\_\_\_

Structurally Sound: Yes \_\_\_\_\_ No \_\_\_\_\_

3. Surface preparation: \_\_\_\_\_ steel shotblasting

\_\_\_\_\_ scarifying \_\_\_\_\_ diamond cup grinding

4. Existing coating removed: Yes \_\_\_\_\_ No \_\_\_\_\_

5. Cores Analyzed: Yes \_\_\_\_\_ No \_\_\_\_\_

6. Pre-Installation Moisture Vapor Emission Rate: \_\_\_\_\_

7. Application rate: \_\_\_\_\_ coats at \_\_\_\_\_ sq. ft per gallon

8. Number of kits used: \_\_\_\_\_  
(include invoices of Vapor Halt™ 125)

9. Total area treated: \_\_\_\_\_ sq. ft.

10. Batch numbers on containers: \_\_\_\_\_  
\_\_\_\_\_

11. Subflooring system:

\_\_\_\_\_ Underlayment, type: \_\_\_\_\_ Thickness: \_\_\_\_\_ inches

\_\_\_\_\_ Terrazzo, type: \_\_\_\_\_ Thickness: \_\_\_\_\_ mils

\_\_\_\_\_ Epoxy, type: \_\_\_\_\_ Thickness: \_\_\_\_\_ mils

\_\_\_\_\_ Adhesive, type: \_\_\_\_\_

\_\_\_\_\_ Sheet vinyl, manufacturer: \_\_\_\_\_

\_\_\_\_\_ Carpet, manufacturer: \_\_\_\_\_

\_\_\_\_\_ VCT, manufacturer: \_\_\_\_\_

\_\_\_\_\_ Rubber flooring, manufacturer: \_\_\_\_\_

\_\_\_\_\_ Other: \_\_\_\_\_

12. Final moisture tests performed: Yes \_\_\_\_\_ No \_\_\_\_\_

If yes: \_\_\_\_\_ lbs/24hr/1000 sq ft (attach reports)

**Installer Name:** \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip: \_\_\_\_\_

**Submitted by:** \_\_\_\_\_

Title: \_\_\_\_\_

Tel: \_\_\_\_\_

Printed Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

Fax: \_\_\_\_\_

**SILPRO**

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