

To Whom It May Concern:

Attached are the products that Mannington recommends you contact for moisture sealers. Each product has certain parameters and warranty conditions. These products give you a variety of choices according to the moisture rating of the slab.

Warranties and suitability of use are the responsibility of the sealer manufacturers, not Mannington. Mannington does not warrant or assume liability or performance of these sealers. Mannington has recommended these products for use where moisture levels exceed the recommended requirements with successful results.

Please note the information listed is to be used as a guide only. Should you have any other questions or need more detailed information please contact the technical person listed for each product.

Sincerely,  
MANNINGTON COMMERCIAL



Anthony Faulknor  
Technical Services Manager

**AQUAFIN BUILDING PROD. SYSTEMS**     [www.aquafin.net](http://www.aquafin.net)

**VAPORTIGHT SG2**

Contact	Up to 25 lbs. Emissions Alfred Kessi / William Early - 410-392-2300 or 866-278-2346
Coverage	75 to 95 sf/gal-Depending on level of protection required
Application	Roller / Squeegee
Calcium Chloride	25 pounds
RH	100%
pH	14
Dry Time	12 hours
Floor Prep	must be shot / bead blasted
Warranty 10 Years * <i>Installer must be certified by Aquafin</i>	

**VAPORTIGHT SG3**

Contact	Up to 25 lbs. Emissions Alfred Kessi or William Early - 410 392-2300 or 866-278-2346
Coverage	90 to 155 sf/gal-Depending on level of protection required
Application	Roller / Squeegee
Calcium Chloride	25 pounds
RH	100%
pH	14
Dry Time	min. 12 hours
Floor Prep	must be shot / bead blasted
Warranty 10 Years * <i>Installer must be certified by Aquafin</i>	

**VAPORTIGHT SG4** (fast cure)

Contact	Up to 25 lbs. Emissions Alfred Kessi or William Early - 410 392-2300 or 866-278-2346
Coverage	100 to 155 sf/gal – Depending on level of protection required
Application	Roller / Squeegee
Calcium Chloride	25 pounds
RH	100%
pH	14
Dry Time	3.5 hours
Floor Prep	must be shot / bead blasted
Warranty 10 Years * <i>Installer must be certified by Aquafin</i>	

**ARDEX**     [www.ardexamericas.com](http://www.ardexamericas.com)

**ARDEX MC RAPID**

Contact	<b>ARDEX Americas</b> Pat Cunningham – Manager of Technical Services - 724-203-5351
Corporate Office	888-512-7339
Coverage	1 coat @ 10 mils - primer needed for patching or leveling materials 1 coat @ 14 mils with sand to refusal - no primer needed for patching or leveling materials
Unit Size	1.65 gallon = 250 - 270 sq. ft. @10 mils, 170 - 190 sq. ft. @ 14 mils
Application	Short nap paint roller or notched squeegee
Dry Time	4 hours
RH	100%
pH	14
Floor Prep	Mechanical - shot blasting or similar – CSP #3 - #5
Permeability	0.06 perms (ASTM E96)
VOC	19.9 g/L
Warranty	20 years

**Note:** This information is provided as a reference guide only. It must not be interpreted as a warranty for any listed product.

## **ARDEX**

[www.ardexamericas.com](http://www.ardexamericas.com)

### **ARDEX VB 100**

Contact  
Corporate Office  
Coverage

Unit Size  
Application  
Dry Time  
RH  
pH  
Floor Prep

Permeability  
VOC  
Warranty

#### **ARDEX Americas**

Pat Cunningham – Manager of Technical Services - 724-203-5351  
888-512-7339  
2 coats - 400 – 500 sq. ft. per gallon – acts as primer for patching or leveling materials  
5 gallon and 1 gallon  
Short nap paint roller  
1<sup>st</sup> coat approximately 45 minutes; 2nd coat approximately 60 minutes  
100%  
14  
Mechanical, if necessary, to clean and absorbent concrete – no minimum profile required.  
< 0.10 perms (ASTM E96)  
0 g/L  
10 years

## **BOSTIK INC.**

[www.bostik.com](http://www.bostik.com)

### **Slab Cote**

Contact  
Coverage  
Application  
Calcium Chloride  
RH  
pH  
Dry Time  
Floor Prep

Warranty

Up to 25 lbs. Emissions / 2-part water-based epoxy  
John Jarnagin (Sr. Tech. Rep.) - 800-843-0844 ext. 6508  
1-coat, up to 100 sq. ft. / gallon  
3/8 inch. nap paint roller  
25 pounds  
100%  
14  
Approx. 6 hours  
Clean floor- Concrete substrate should not be reflective and smooth.  
It must have a concrete surface profile of CSP 1-3  
10 Years when used with Bostik adhesives

<http://www.bostik.com/us/Bostik-products/slab-cote-extreme-moisture-vapor-barrier-coating>

## **FLOOR SEAL TECHNOLOGY**

[www.floorseal.com](http://www.floorseal.com)

### **MES100**

Contact  
Coverage  
Application  
Calcium chloride  
RH  
pH  
Dry Time  
Floor Prep  
Warranty

Up to 25 lbs. Emissions / 14pH  
Bryan Taylor - 800-572-2344 / 408-436-8181  
Typically 2 coats  
Paint Roll  
25 pounds  
NA  
14  
24 hrs. total (2 coats)  
Shot blasted  
10 years, manufacturer installed

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**KOSTER AMERICAN CORP.**

[www.kosterusa.com](http://www.kosterusa.com)

**VAP – I 2000 ZERO VOC**

Contact

Coverage

Application

Calcium Chloride

RH

pH

Dry Time

Floor Prep

Warranty

Up to 25 lbs. Emissions – 100% RH

Trent Denny - 757-425-1206

100-150 sf / gal

Squeegee & back-roll

25 pounds

100 %

14

min. 12

must be shot / bead blasted to at least ICRI CSP3

15 Years

*\*Installer must be certified by Koster*

**VAP-I – 2000 UFS**

Contact

Coverage

Application

Calcium Chloride

RH

pH

Dry Time

Floor Prep

Warranty

Up to 25 lbs. Emissions – 100% RH

2-part epoxy system

Trent Denny - 757-425-1206

100 – 150 sf, based on vapor drive

Squeegee & back-roll

25 pounds

100%

14

min. 12 hours

must be shot / bead blasted at least ICRI CSP3

15 Years

*\* Installer must be certified by Koster*

**VAP-I - 2000 FS**

Contact

Coverage

Application

Calcium Chloride

RH

pH

Dry Time

Floor Prep

Warranty

Up to 25 lbs. Emissions – 100% RH

Trent Denny - 757-425-1206

100 – 150 sf per 2.4 gallon

Squeegee & back-roll

25 pounds

100%

14

3 – 4 hours

must be shot / bead blasted at least ICRI CSP3

15 Years

*\* Installer must be certified by Koster*

**LATICRETE**

<https://laticrete.com/en>

**Vapor Ban E**

Contact

Email

Customer Service

Coverage

Floor prep

Application

Dry Time

Calcium Chloride

RH

pH

Warranty

Up to 25 lbs. Emissions

Aaron Abbott -

agabbott@laticrete.com

603-842-0569

12 Mils – 133 sq. ft. per gal

16 Mils – 100 sq. ft. per gal

CSP 3-5

Roller squeegee

12 Hours

25 pounds

100%

14

Laticrete concrete & surface preparation system warranty

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## **LATICRETE**

<https://laticrete.com/en>

### **Vapor Ban ER**

Coverage	16 Mils – 100 sq. ft. per gal
Floor prep	CSP 3-5
Application	Roller squeegee
Dry Time	3-4 Hours
Calcium Chloride	25 pounds
RH	100%
pH	14
Warranty	Laticrete concrete & surface preparation system warranty

### **Vapor Ban Primer ER**

Coverage	16 Mils – 100 sq. ft. per gal
Floor prep	CSP 1-3
Application	Roller squeegee
Dry Time	3-4 Hours
Calcium Chloride	25 pounds
RH	100%
pH	14
Warranty	Laticrete concrete & surface preparation system warranty

## **MAPEI INC.**

[www.mapei.us](http://www.mapei.us)

### **Planiseal MSP**

Customer Service	Up to 15 lbs. Emissions 800-42-Mapei
Technical Service	800-992-6273
Coverage	500-700 sq. ft. per gal – Smooth Concrete 400-600 sq. ft. per gal – Rough Concrete
Unit Size	4 Gallon Pail
Application	1/4 inch. nap paint roller
Calcium Chloride	15 pounds
RH	99%
pH	12
Dry Time	1 – 3 hours

### **Planiseal MB**

Customer Service	Up to 25 lbs. Emissions 800-42-Mapei
Technical Service	800-992-6273
Coverage	126 - 160 sq. ft. per gal. 10 mil WFT
Unit Size	Part A 2.2 gal / Part B 0.8 gal
Calcium Chloride	25 pounds
RH	100%
pH	14
Dry Time	5 - 6 hours

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**MAPEI INC.**

[www.mapei.us](http://www.mapei.us)

**Planiseal VS Fast**

Customer Service  
Technical Service  
Coverage  
Unit Size  
Application  
Calcium Chloride  
RH  
pH  
Dry Time  
Floor Prep

Up to 25 lbs. Emissions  
800-42-Mapei  
800-992-6273  
25lbs. 100 to 150 sq. ft. per gal or 14 mils wet film thickness  
3 Gallon Kit  
Notched Squeegee  
25 pounds  
100%  
NA  
4-6 hours  
Defer to Manufacturer's Instructions

**Planiseal VS**

Customer Service  
Technical Service  
Coverage  
Unit Size  
Calcium Chloride  
RH  
pH  
Dry Time  
Floor Prep

Up to 25 lbs. Emissions  
800-42-Mapei  
800-992-6273  
25lbs. 100 to 150 sq. ft. per gal or 14 mils wet film thickness  
Part A 2.2 gal / Part B 0.8 gal  
25 pounds  
100%  
14  
5 - 6 hours  
Defer to Manufacturer's Instructions

**MAXXON**

[www.maxxoncorporation.com](http://www.maxxoncorporation.com)

**MVP One**

Contact  
Coverage  
Application  
RH  
Calcium Chloride  
PH  
Dry Time  
Floor Prep  
Warranty

Up to 25 lbs. Emissions  
John Popp - 763-478-9621 or 800-356-7887  
200 to 250 sf/gal – 5 gallon pail  
roller or squeegee  
100 %  
25 lbs.  
14  
30-60 minutes  
Must be shot/bead blasted  
10 years \* Installer must be certified by Maxxon

**MVP Two**

Contact  
Coverage  
Application  
RH  
Calcium Chloride  
PH  
Dry Time  
Floor Prep  
Warranty

Up to 25 lbs. Emissions  
John Popp - 763-478-9621 or 800-356-7887  
1.5 gal Part A/ 1 gal Part B – 2.5 Gallon pail  
roller or squeegee  
100 %  
25 lbs.  
14  
4 hours  
Must be shot/bead blasted  
10 years \* Installer must be certified by Maxxon

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## **SCHÖNOX**

[www.hpsubfloors.com](http://www.hpsubfloors.com)

### **EPA & EPA Rapid**

Customer Service  
Contact  
Coverage  
Application  
RH  
Calcium Chloride  
PH  
Dry Time  
Floor Prep  
Environmental / VOC Content  
Warranty

Up to 25 lbs. Emissions  
1-855-391-2649  
Shane Jenkins - 256-246-0345  
290 sq. ft. to 300 sq. ft. per unit  
Mix A & B 3 minutes, squeegee, back roll  
100 %  
25 lbs.  
Not affected  
1.5 to 4 hours  
CSP 2-3  
Solvent free, 100% epoxy solids comply to SCAQMD 1113  
10 years limited warranty

## **SYNTHETICS INT'L**

[www.syntheticintl.com](http://www.syntheticintl.com)

### **S-30**

Contact  
Coverage  
Application  
Calcium Chloride  
RH  
pH  
Dry Time  
Environmental  
Floor Prep  
Environmental:  
VOC  
Warranty

Up to 30 lbs. Emissions, 100% Relative Humidity  
Low VOC synthetic polymer  
Tom Cleary - 866-646-0356 Ext. 208  
160-200 sf / gal.  
1/4 inch. nap paint roller  
30 Pounds  
100%  
14  
12 hours – 85°F, 24 hours – 55°F  
Product shipped as non-corrosive, Green product  
Shot-blast  
Product shipped as non-corrosive, VOC=70 gr / liter  
65 g/liter mixed  
15 Years

### **30-FS**

Contact  
Coverage  
Application  
Calcium Chloride  
RH  
pH  
Dry Time  
Environmental  
Floor Prep  
Environmental:  
VOC  
Warranty

Up to 30 lbs. Emissions, 100% Relative Humidity  
Low VOC synthetic polymer  
Tom Cleary - 866-646-0356 Ext. 208  
160-250 sf / gal.  
1/4 inch. nap paint roller  
30 Pounds  
100%  
14  
2 hours – 85°F, 4 hours – 55°F  
Product shipped as non-corrosive, Green product  
Shot-blast, grind or hydro-blast surface rough and clean  
Product shipped as non-corrosive, VOC = 99 g / liter  
99 g/liter mixed  
15 Years

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## **SYNTHETICS INT'L**

[www.syntheticintl.com](http://www.syntheticintl.com)

### **10-TR**

Contact	Up to 30 lbs. Emissions, 100% Relative Humidity
Coverage	Low VOC synthetic polymer
Application	Tom Cleary - 866-646-0356 Ext. 208
Calcium Chloride	350 - 450 sf / gal.
RH	Mechanical trowel process
pH	30 Pounds
Dry Time	100%
Environmental	14
Floor Prep	10 days – >40°F
Environmental:	Product shipped as non-corrosive, Green product
VOC	Troweled into freshly poured concrete
Warranty	Product shipped as non-corrosive, VOC=50 g / liter
	50 g/liter mixed
	15 Years

## **USG DUROCK**

[www.usg.com](http://www.usg.com)

### **RH-100 Moisture Vapor Reducer**

Customer Service	Up to 25 lbs. Emissions
Contact	1-800-874-4968
Coverage	Kirk Kazienko - 312-436-6453
Unit Size	125 sf/gal or 13 mils wet film thickness
Application	3 Gallon Kit
	Notched Squeegee and back roll with non-shredding ¼" or ¾" phenolic core roller
RH	100 %
Calcium Chloride	25 lbs.
PH	14 extended exposure
Dry Time	4 hours @ 77 degrees
Floor Prep	CSP (Concrete Surface Profile) #3 – 4 (Shot blasting)
Warranty	USG Durock brand floor Preparation Products System 10- yr limited warranty

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## Uzin

<https://us.uzin.com/>

### PE 460 Moisture Vapor Retarder/Primer

Contact	Up to 25 lbs. / 100% RH Jim Muggleton – 720-413-5454
Coverage	108 sq. ft. per gallon or 14 mil wet film thickness
Application	Trowel & Notch Squeegee
Calcium Chloride	25 pounds
RH	100%
pH	14
Dry Time	Fast track with Accelerator 3.5 / 5 hours @ 86 degrees (see chart)
Floor Prep	Shot blast when applicable
Warranty	Standard warranty 10 year / 20 year to Lifetime when used in conjunction with Uzin products

## VAPOR SAFE

[www.vaporsafe.com](http://www.vaporsafe.com)

### Green FC

Contact	Up to 25 lbs. / 100% RH <b>Advanced Moisture Control Inc.</b>
Coverage	Hank Bruflodt, CEO - 949-788-1490 150 – 175 sq. ft. per gallon
Application	Paint Roll
Calcium Chloride	25 pounds
RH	100%
pH	14
Dry Time	4 – 6 hours
Floor Prep	Shot blast or Diamond grind or dustless water-blasting
Warranty	15 yrs. – Includes floor cost when installed by certified applicators. And warranted for defects in material leading to secondary damages. Meets ASTM F3010 for topical sealers. Can be used in occupied buildings, no fumes or odor.

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