



To Whom It May Concern:

RE: Moisture Emission and Moisture Sealers

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

A handwritten signature in black ink that reads "Anthony Faulkner". The signature is written in a cursive style and is positioned above a light blue horizontal line.

Anthony Faulkner
Technical Services Manager

6-01-18

ADVANCED ADHESIVES TECHNOLOGY www.aatglue.com

AAT 1185

Contact	8 – 10 lbs. Emissions
Coverage	Greg Wood (Technical) - 800-228-4583
	1 st coat approx. 300 - 350 sf/gal
	Subsequent coats at 400 – 450 sf/gal
RH	85% (2 Coats), 90% (3 Coats)
pH	11 or less
Application	Paint Roller
Dry Time	24 hours
Floor Prep	Requires shot blasting
Warranty	5 years

APAC ADHESIVES

www.apacadhesives.com

EnCapSeal

Contact	Up to 8 lbs. Emissions - Latex System
Coverage	Barry Mentor - 800-747-APAC (2722)
	Smooth Concrete, double coat 150 to 200 sq. ft. per gal.
	Rough Concrete, double coat 125 to 175 sq. ft. per gal.
Unit Size	4 gal
Application	¼" Nap Roller
Calcium chloride	8 pounds
RH	90 %
Dry Time	24 hours
Floor Prep	Clean floor may require mechanical grinding
Warranty	5 years

AQUAFIN BUILDING PROD. SYSTEMS

www.aquafin.net

VAPORTIGHT SG2

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

Warranty 10 Years * *Installer must be certified by Aquafin*

VAPORTIGHT SG3

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

Warranty 10 Years * *Installer must be certified by Aquafin*

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

AQUAFIN BUILDING PROD. SYSTEMS

www.aquafin.net

VAPORTIGHT SG4 (fast cure)

Contact
Coverage
Application
Calcium Chloride
RH
pH
Dry Time
Floor Prep
Warranty 10 Years * *Installer must be certified by Aquafin*

Up to 25 lbs. Emissions
Alfred Kessi or William Early - 410-392-2300 or 866-278-2346
100 to 155 sf/gal – Depending on level of protection required
Roller / Squeegee
25 pounds
100%
14
3.5 hours
must be shot / bead blasted

ARDEX

www.ardex.com

MC ULTRA

Contact
Corporate Office
Coverage
Unit Size
Application
Dry Time
Floor Prep
Warranty

100% RH
Ardex Engineered Cement
Paula Nixon - 724-203-5260
888-512-7339
2 coats = 10 and 14 mils, 24 Total
10 lb. unit – 170 sq. ft and 100 sq. ft
3/8 inch. nap paint roller or squeegee
1ST Coat 6 hours, 2nd coat 16 hours
Mechanical grinding / shot blasting
15 years

Ardex MC RAPID

Contact
Corporate Office
Coverage

Unit Size
Application
Dry Time
Floor Prep
Warranty

100% RH
Ardex Engineered Cement
Paula Nixon - 724-203-5260
888-512-7339
1 coat @ 10 mils up to 85% RH or
1 coat @ 14 mils up to 98% RH
22 Lbs. = 270 sq. ft. @10 mils, 190 sq. ft. @ 14 mils
3/8 inch. nap paint roller or squeegee
4 hours
Mechanical grinding / shot blasting
10 years

Ardex VR 95

Ardex VR 98

Contact
Corporate Office
Application
Dry Time
Floor Prep
Warranty

95% RH
98% RH
Ardex Engineered Cement
Paula Nixon - 724-203-5260
888-512-7339
3/8 inch. nap paint roller or squeegee
2-4 hours
Without mechanical preparation
10 years

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BOSTIK INC.

www.bostik.com

Durabond D-250

Contact
Coverage

Up to 25 lbs. Emissions / 2-part water-based epoxy system
John Jarnagin (Sr. Tech. Rep.) - 800-843-0844 ext. 6508
Up to 14 lbs. = 150 ft² / gal one coat
Up to 25 lbs. = 150 ft² / gal required second coat

Application
Calcium Chloride
RH
pH
Dry Time
Floor Prep

3/8 inch. nap paint roller
1st coat 14 pounds or 2nd coat 25 pounds
85% (1 coat) – 96% (2 coats)
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

Warranty

<http://www.bostik.com/us/Bostik-products/d-250-moisture-vapor-barrier-coating>

Slab Cote

Contact
Coverage

Up to 25 lbs. Emissions / 2-part water-based epoxy system
John Jarnagin (Sr. Tech. Rep.) - 800-843-0844 ext. 6508
1-coat, up to 100 sq. ft. / gallon

Application
Calcium Chloride
RH
pH
Dry Time
Floor Prep

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

Warranty

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

CONCRETE CURATIVE SYSTEMS

www.concretecurative.com

CCS-SI

Contact
Coverage
Application
RH
pH
Dry Time
Floor Prep
Warranty

Up to 25lbs. Emissions / 99% RH
Mark Burke - 8324925-2543 or 877-227-8003
70 to 125 sq. ft.
Poured / 1/8 V Notched Squeegee
99%
14
Fully Cured in 8 Hours
Shot Blast
10 Years

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

DEPENDABLE PRODUCTS

www.floorprep.com

Cutdown II

Contact
Coverage

Up to 8 lbs. Emissions (2 coats) – Latex System
Up to 15 lbs. Emission (3 coats)
J. Alex Keene - 800-227-3434 Ext. 311

2 coat Application

1st coat approximately 22 sq. yd. / gal
2nd coat approximately 39 sq. yd. / gal

3 coat Application

1st coat approx. 20 sq. yd. / gal
2nd coat approx. 40 sq. yd. / gal
3rd coat approx. 40 sq. yd. / gal

Application
Calcium Chloride
RH
pH
Dry Time

Paint Roller
8 pounds 2 coats – 15 pounds 3 coats
90%
11
1st coat approximately 2 hrs. – 48 hrs.
2nd coat approximately 24 hrs. – 48 hrs.
3rd coat approximately 24 hrs. – 48 hrs.
Clean floor may require mechanical grinding
5 years

Floor Prep
Warranty

Vaporseal HM

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

Up to 25 lbs. Emissions / 2-part epoxy system
J. Alex Keene - 800-227-3434 Ext. 311
70 sq. yd./ gal
Poured and brushed
25 pounds
75% - 100%
N/A
4 – 6 hours
Must be shot blasted
10 years * *Installer must be certified by Dependable*

DIAMOND STONE PRODUCTS

www.diamondstoneproducts.com

Vapor Remediation System

Contact
Coverage
Application
Dry Time
Floor Prep
Warranty

92% vapor reduction, up to 30 lbs. Emissions
Two-component, low viscosity epoxy barrier
Baron Adelmann - 888-81-STONE / 888-817-8663
150 Square Feet per Gallon
¼ inch nap paint roller
12 hours – 75°F, 24 hours - 60°F
Shot blast only
20 years

FLOOR SEAL TECHNOLOGY

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

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

HB FULLER CONSTRUCTION PROD.

www.hbfuller-cp.com

Defender

Contact	Up to 25 lbs. Emissions / 2 Part Epoxy System
Coverage	Ron Loffredo / Ken Cecil - 800-832-9023
Application	Approx. 150 sq. ft. per gallon unit
Calcium Chloride	Squeegee, then back roll with wet 3/8" roller
RH	25 pounds
PH	100%
Dry Time	9
Floor Prep	4-5 Hours
Warranty	Shot blasting may be needed, but is not always necessary. Check label and spec sheets to determine 1 year or Limited Lifetime when used with CHAPCO

KOSTER AMERICAN CORP.

www.kosterusa.com

VAP – 1 2000 ZERO VOC

Contact	Up to 25 lbs. Emissions – 100% RH
Coverage	Trent Denny - 757-425-1206
Application	100-150 sf / gal
Calcium Chloride	Squeegee & back-roll
RH	25 pounds
pH	100 %
Dry Time	14
Floor Prep	min. 12
Warranty	must be shot / bead blasted to at least ICRI CSP3 15 Years *Installer must be certified by Koster

VAP-1 – 2000

Contact	Up to 25 lbs. Emissions – 100% RH
Coverage	2-part epoxy system
Application	Trent Denny - 757-425-1206
Calcium Chloride	100 – 150 sf, based on vapor drive
RH	Squeegee & back-roll
pH	25 pounds
Dry Time	100%
Floor Prep	14
Warranty	min. 12 hours must be shot / bead blasted at least ICRI CSP3 15 Years * Installer must be certified by Koster

VAP-1 - 2000 FS

Contact	Up to 25 lbs. Emissions – 100% RH
Coverage	Trent Denny - 757-425-1206
Application	100 – 150 sf per 2.4 gallon
Calcium Chloride	Squeegee & back-roll
RH	25 pounds
pH	100%
Dry Time	14
Floor Prep	3 – 4 hours
Warranty	must be shot / bead blasted at least ICRI CSP3 15 Years * Installer must be certified by Koster

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MAPEI INC.

www.mapei.us

Planiseal ESP

Customer Service
Technical Service
Coverage

Up to 12 lbs. Emissions
800-42-Mapei
800-992-6273
150-200 sq. ft. per gal – Smooth Concrete
125-175 sq. ft. per gal – Rough Concrete
4 Gallon Pail
1/4 inch. nap paint roller
8 pounds
95%
12
2 – 3 hours
Minimal prep. (clean, dry, new concrete only)
1 year

Unit Size
Application
Calcium Chloride
RH
pH
Dry Time
Floor Prep
Warranty

Planiseal EMB

Customer Service
Technical Service
Coverage

Up to 25 lbs. Emissions
800-42-Mapei
800-992-6273
< 10 lbs. 130 sq. ft. per gal. or 10 mils wet film thickness
< 15 lbs. 100 sq. ft. per gal. or 13 mils wet film thickness
< 25 lbs. 75 sq. ft. per gal. or 18 mils wet film thickness
2 Gallon Kit
Notched squeegee
25 pounds
100%
NA
8 - 12 hours
CSP (Concrete Surface Profile) #3 (Shot blasting)
10 Year

Unit Size
Application
Calcium Chloride
RH
pH
Dry Time
Floor Prep
Warranty

Planiseal ET

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

Up to 12 lbs. Emissions
800-42-Mapei
800-992-6273
80 to 140 sq. ft. per gal.
3 Gallon Kit
Notched squeegee
12 pounds
92%
NA
8 - 9 hours
Planiprep SA

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
25 lbs. 100 to 150 sq. ft. per gal. or 14 mils wet film thickness
3 Gallon Kit
Notched squeegee
25 pounds
100%
NA
4 - 5 hours
CSP (Concrete Surface Profile) #3 (Shot blasting)

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MAPEI INC.

www.mapei.us

Planiseal VS

www.mapei.us

Customer Service	800-42-Mapei
Technical Service	800-992-6273
Coverage	25 lbs. 100 to 150 sq. ft. per gal. or 14 mils wet film thickness
Unit Size	3 Gallon Kit
Application	Notched squeegee
Calcium Chloride	25 pounds
RH	100%
pH	NA
Dry Time	8 - 9 hours
Floor Prep	CSP (Concrete Surface Profile) #3 (Shot blasting)

MAXXON

www.maxxoncorporation.com

Maxxon MVP

Contact	Up to 25 lbs. Emissions John Popp - 763-478-9621 or 800-356-7887
Coverage	80 to 155 sf/gal – depends on level of protection required
Application	roller or squeegee
RH	100 %
Calcium Chloride	25 lbs.
PH	14
Dry Time	min 12 hours
Floor Prep	Must be shot/bead blasted
Warranty	10 years * Installer must be certified by Maxxon

Maxxon DPM

Contact	Up to 25 lbs. Emissions John Popp - 763-478-9621 or 800-356-7887
Coverage	75 to 95 sf/gal – depends on level of protection required
Application	roller or squeegee
RH	100 %
Calcium Chloride	25 lbs.
PH	14
Dry Time	min 12 hours
Floor Prep	Must be shot/bead blasted
Warranty	10 years * Installer must be certified by Maxxon

SCHÖNOX

www.hpsubfloors.com

EPA & EPA Rapid

Customer Service	Up to 25 lbs. Emissions 1-855-391-2649
Contact	David Stowell - 256-483-9566
Coverage	290 sq. ft. to 300 sq. ft. per unit
Application	Mix A & B 3 minutes, squeegee, back roll
RH	100 %
Calcium Chloride	25 lbs.
PH	Not affected
Dry Time	1.5 to 4 hours
Floor Prep	CSP 2-3
Environmental / VOC Content	Solvent free, 100% epoxy solids comply to SCAQMD 1113
Warranty	10 years limited warranty

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

SENPRO

www.senpro.com

Sentinel 821

Contact
Coverage
Application
Calcium Chloride
RH
pH
Dry Time
Floor Prep

Up to 12 lbs. Emissions for 2 coats
Kevin McNew - **800-373-0633**
Approximate 200 ft²/gal.
Roller
12 pounds
90%
14
1st coat Minimum 2 hours, 2nd coat minimum 12 hours
Floor must be clean and dry.
Floor may require chemical cleaning or mechanical grinding.

SIKA

www.usa.sika.com

Sika MB Redline

Contact
Coverage

RH

pH
Application
Dry Time
Floor Prep
Environmental:
Warranty

Up to 25 lbs. Emissions
Claire Legrain - 201-250-6287
1st Coat approx. 200-250 sf / gal
2nd Coat approx. 300-350 sf/gal
up to 100% (1 Coats), **2nd coat is required if other features like
adhesion promoter or surface consolidator**
14 or less
Medium nap roller
3 hours – 60 °F
No shot blasting
Product shipped as non-corrosive, VOC 67.5 gr / liter
10 Years

Sika MB

Contact
Coverage

RH
pH
Application
Dry Time
Floor Prep
Environmental:
Warranty

Up to 25 lbs. Emissions
Claire Legrain - 201-250-6287
1st Coat approx. 250-300 sf / gal
2nd Coat approx. 400-450 sf/gal
up to 100% (1 Coats)
14 or less
Medium nap roller
8 hours – 73 °F
No shot blasting
Product shipped as non-corrosive, VOC 24 gr / liter
10 Years

SYNTHETICS INT'L

www.syntheticintl.com

Synthetics Bond

Contact
Coverage
Application
Dry Time
Floor Prep
Environmental:
Warranty

Up to 8 lbs. Emissions, 80% Relative Humidity
Pre-mixed epoxy-based solution
Tom Cleary - 866-646-0356 Ext. 208
200-250 sf / gal., 2 coats
1/4 inch. nap paint roller
12 hours – 85 °F, 24 hours – 65 °F
Sand, grind, shot-blast or hydro-blast surface clean
Product shipped as non-corrosive, VOC=99 gr / liter
5 Years

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

SYNTHETICS INT'L

www.syntheticshintl.com

Synthetics 10

Contact	Up to 10 pounds
Coverage	Pre-mixed synthetic based solution
Application	Tom Cleary - 866-646-0356 Ext. 208
Calcium Chloride	200-250 square feet gallon, 2 coats
RH	1/4 inch. nap paint roller
pH	10 pounds
Dry Time	90 %
Dry to Touch	14
Floor Prep	24 hours for flooring adhesives
Environmental:	30 minutes, 1 hour to re-coat
VOC Content:	Sand, grind, shot-blast or hydro-blast surface clean
Warranty	Product shipped as non-corrosive, Green Product
	49g/liter
	15 Years

Synthetics 30

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

Synthetics 30fs

Synthetics Intl. (www.syntheticshintl.com)

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

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SYNTHETICS INT'L

www.syntheticshintl.com

Synthetics 10-TR

Synthetics Intl. (www.syntheticshintl.com)

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

350 - 450 sf / gal.

Mechanical trowel process

30 Pounds

50%

14

10 days – >40°F

Product shipped as non-corrosive, Green product

Troweled into freshly poured concrete

Product shipped as non-corrosive, VOC=50 g / liter

50 g/liter mixed

15 Years

USG DUROCK

www.usg.com

RH-100 Moisture Vapor Reducer

Customer Service

Contact

Coverage

Unit Size

Application

RH

Calcium Chloride

PH

Dry Time

Floor Prep

Warranty

Up to 25 lbs. Emissions

1-800-874-4968

Kirk Kazienko - 312-436-6453

125 sf/gal or 13 mils wet film thickness

3 Gallon Kit

Notched Squeegee and back roll with non-shredding 1/4" or 3/4" phenolic core roller

100 %

25 lbs.

14 extended exposure

4 hours @ 77 degrees

CSP (Concrete Surface Profile) #3 – 4 (Shot blasting)

USG Durock brand floor Preparation Products System 10 year limited warranty

VAPOR SAFE

www.vaporsafe.com

Green FC

Contact

Coverage

Application

Calcium Chloride

RH

pH

Dry Time

Floor Prep

Warranty

Up to 25 lbs. / 100% RH

Advanced Moisture Control Inc.

Hank Bruflo, CEO - 949-788-1490

150 – 175 sq. ft. per gallon

Paint Roll

25 pounds

100%

14

4 – 6 hours

Shot blast or Diamond grind or dustless water-blasting

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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VEXCON

www.vexcon.com

Moisturebloc OneStep

Vexcon Chemicals
Contact
Coverage
Application
RH
pH
Dry Time
Floor Prep
Warranty

Up to 9 lbs. Emissions
Latex vapor reduction system
Darryl Manuel - 888-839-2661
750 sf per 5-gallon
1/4 inch. nap paint roller or spray
NA
No Limit
12 – 15 hours
Clean floor only
5 Years

Moisturebloc FT System

Vexcon Chemicals
Contact
Coverage

Application
RH
pH
Dry Time
Floor Prep
Warranty

Up to 15 lbs. Emissions
Low odor solvent acrylic system
Darryl Manuel - 888-839-2661
750 sf / gal step 1 (5 gal)
1200 sf / gal step 2 (5 gal)
1/4 inch. nap paint roller or spray
NA
No Limit
Overnight
Clean floor only
5 Years

VEXCON

www.vexcon.com

Moisturebloc MX

Vexcon Chemicals
Contact
Coverage

Application
RH
pH
Dry Time
Floor Prep
Warranty

Up to 27 lbs. Emissions

Darryl Manuel - 888-839-2661
MoistureBloc Primer: 1000 sf / 5 gal
MoistureBloc MX: 800 sf / 4 gal.
MoistureBloc Primer: 1200 sf / 5 gal
1/4 inch. nap paint roller or spray
NA
No Limit
Overnight
Clean floor only
5 Years

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