

PART 1- GENERAL

1.1 SUBMITTALS

A. Closeout Submittals: Submit the following:

1. Warranty: Warranty documents specified herein.

1.2 DELIVERY, STORAGE & HANDLING

- #### A. Store materials protected from exposure to harmful weather conditions and at a temperature above 45° Fahrenheit.

1.3 WARRANTY

- #### A. Project Warranty: Refer to Conditions of the Contract for Project warranty provisions.

- #### B. Manufacturer's Warranty: Submit, for the owner's acceptance, the manufacturer's standard warranty document executed by an authorized company official. The manufacturer's warranty is in addition to, and not a limitation of, other rights the Owner may have under provisions of the contract documents.

1. Warranty Period: Ten years commencing on the date of acceptance of the project by the owner or Notice of Completion whichever is earliest.
2. Warranty Terms: Terms to include moisture related failures, including all finish floor materials and labor. Vapor Barrier +PLUS+ warranty issued on completion of ASTM-D-5084 and/or ASTM-D-4263 test and results submitted to a Concure Systems Representative.

1.4 TESTING

- #### A. Post installation Concure Systems requires either ASTM D-5084 and/or ASTM-D-4263 testing. Either a Concure Systems representative or designated agent must be present for final inspection of ASTM D-4263 test. (See Concure Systems for further details)

PART 2- PRODUCTS

See sections 7100, 9600, 9900

PART 1- GENERAL

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 - 1. Warranty Period: Ten years commencing on the date of acceptance of the project by the Owner or Notice of Completion whichever is earliest.
 - 2. Warranty Terms: Terms to include moisture related failures, including all finish floor materials and labor. Vapor Barrier +PLUS+ warranty issued on completion of ASTM-D-5084 and/or ASTM-D-4263 test and results submitted to a Concure Systems Representative.
 - 3. (Contact Concur Systems for details)

PART 2- PRODUCTS

2.1 CONCRETE WATERPROOFING VAPOR BARRIER

- A. Manufacturer: Concure Systems, Phoenix, AZ 85048
Contact: Emil Pikula Cell – (480) 820-7171, E-mail:emil@concuresystems.com
- B. Topical Vapor Barrier: Concure Systems Vapor Barrier +PLUS+
- C. Accessory Materials.
 - 1. Concure Systems Crack Fill Binder.

2.2 BEAD BLASTING

- A. Bead Blast to an ICRI (International Concrete Repair Institute) stage 4 using 440 shot is required.
Surface, after shot blasting is completed, should be white in color with no signs of curing

CONCURE SYSTEMS VAPOR BARRIER +PLUS+

DIVISION 7 7100

agents or other type of concrete finished surface. After bead blasting make sure the surface is clean with no signs of oil, dirt, curing agents, sealers or adhesive residues. All loose material and dirt must be removed from cracks in order to allow proper bonding (Follow Manufacturer's Instructions).

WATER PROOFING - CONCRETE

- B. All cracks saw cuts and control joints smaller than ¼” wide must be “v” grooved or routed to ¼” or wider and ½” plus in depth. Thoroughly clean the joints after preparation.

2.3 APPLICATION

- A. Concrete must be clean dry and not contaminated with any material that promotes de-bonding.
Substrate should be structurally sound with no potential for movement. Prime all joints using undiluted Crack Fill Binder using narrow brush to scrub material into joint. Allow the binder to partially dry until it feels tacky. **DO NOT LET IT DRY COMPLETELY.** Work slurry into crack leaving material slightly high. Allow material to slightly set and remove excess and trowel flush with surface while pushing material into joint to densify joint.
 - 1. Step 1-Using low pressure sprayer; apply one (1) generous coat. Step 1 covers 200-300 square feet per gallon. Do not allow material to pond on surface and broom material evenly to cover all areas. Dry time is usually one (1) hour depending on temperature and job conditions.

2.4 MIXING

- A. Step1: Stir before application
- B. Step 2: Apply product as supplied per manufacturer’s instructions.

2.5 TESTING

- A. Post installation Concure Systems requires ASTM-D-4263 testing from flooring contractor. Either a Concure Systems representative or designated agent must be present for final inspection of test. (See Concure Systems for further details)

2.6 COMPOSITION

- A. Step 1 is a formulated blend of silicates and reactive ingredients.
- B. Crack Fill Binder is a specialized, premixed acrylic co-polymer designed to be compatible with the Concure Vapor Barrier +PLUS+ System

2.7 FIELD SUPERVISION

Installation by Concure approved and certified floor covering contractor only. Certification can be done under supervision of Concure Systems representative or by corporate installation team.

**WATER PROOFING -
CONCRETE**

2.8 PRODUCT SUBSTITUTIONS

A. Substitutions by architect approval only following criteria:

1. Product must have MINIMUM 10 years zero failure experience in the flooring/concrete industry.
2. Must be integral in the slab.
3. MUST warrant ANY manufacturers floor covering installed after in case of failure due to product failure (LABOR & MATERIALS)

See Sections 3300, 9600, 9900

PART 1- GENERAL

1.1 SUBMITTALS

- A. Closeout Submittals: Submit the following:
 - 1. Warranty: Warranty documents specified herein.

1.2 DELIVERY, STORAGE & HANDLING

- A. Store materials protected from exposure to harmful weather conditions and at a temperature above 45° Fahrenheit.

1.3 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for Project warranty provisions.
- B. Manufacturer's Warranty: Submit, for the owner's acceptance, the manufacturer's standard warranty document executed by an authorized company official. The manufacturer's warranty is in addition to, and not a limitation of, other rights the Owner may have under provisions of the contract documents.
 - 1. Warranty Period: Ten years commencing on the date of acceptance of the project by the Owner or Notice of Completion whichever is earliest.
 - 2. Warranty Terms: Terms to include moisture related failures, including all finish floor materials and labor. Vapor Barrier +PLUS+ warranty issued on completion of ASTM-D-5084 and/or ASTM-D-4263 test and results submitted to a Concure Systems Representative.

PART 2- PRODUCTS

2.1 CONCRETE WATERPROOFING ADMIXTURE

- A. Manufacturer: Concure Systems, Phoenix, AZ 85048
Contact: Emil Pikula Cell – (480) 820-7171, E-mail: emil@concuresystems.com
- B. Topical Vapor Barrier: Concure Systems Vapor Barrier +PLUS+
- C. Accessory Materials
 - 1. Concure Systems Crack Fill Binder.

2.2 BEAD BLASTING

- A. Bead Blast to an ICRI (International Concrete Repair Institute) stage 4 using 440 shot is required.
Surface, after shot blasting is completed, should be white in color with no signs of curing agents or other type of concrete finished surface. After bead blasting make sure the surface is clean with no signs of oil, dirt, curing agents, sealers or adhesive residues. All loose material and dirt must be removed from cracks in order to allow proper bonding (Follow Manufacturer's Instructions).

FLOOR COVERINGS – MVE CONTROL

- B. All cracks saw cuts and control joints smaller than ¼” wide must be “v” grooved or routed to ¼” or wider and ½” plus in depth. Thoroughly clean the joints after preparation.

2.3 APPLICATION

- A. Concrete must be clean dry and not contaminated with any material that promotes de-bonding.
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 - 1. Step 1-Using low pressure sprayer; apply one (1) generous coat. Step 1 covers 200-300 square feet per gallon. Do not allow material to pond on surface and broom material evenly to cover all areas. Dry time is usually one (1) hour depending on temperature and job conditions.

2.4 MIXING

- A. Step 1: Stir before application
- B. Step 2: Apply product as supplied per manufacturer’s instructions.

2.5 TESTING

- A. Post installation Concure Systems requires ASTM-D-4263 testing. Either a Concure Systems representative or designated agent must be present for final inspection of test. (See Concure Systems for further details)

2.6 COMPOSITION

- A. Step 1 is a formulated blend of silicates and reactive ingredients.
- B. Crack Fill Binder is a specialized, premixed acrylic co-polymer designed to be compatible with Concure Vapor Barrier +PLUS+ and Concure Systems Admixture.

2.7 FIELD SUPERVISION

Installation by Concure approved and certified floor covering contractor only. Certification can be done under supervision of Concure Systems representative or by corporate installation team.

**FLOOR COVERINGS – MVE
CONTROL**

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3. MUST warrant ANY manufacturers floor covering installed after in case of failure due to product failure (LABOR & MATERIALS)

See sections, 3300, 7100, 9900

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MOISTURE VAPOR EMISSION CONTROL

- B. All cracks saw cuts and control joints smaller than ¼” wide must be “v” grooved or routed to ¼” or wider and ½” plus in depth. Thoroughly clean the joints after preparation.

2.3 APPLICATION

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2.6 COMPOSITION

- A. Step 1 is a formulated blend of silicates and reactive ingredients.
- B. Crack Fill Binder is a specialized, premixed acrylic co-polymer designed to be compatible with Concure Vapor Barrier +PLUS+

2.7 FIELD SUPERVISION

Installation by Concure approved and certified floor covering contractor only. Certification can be done under supervision of Concure Systems representative or by corporate installation team.

**MOISTURE VAPOR EMISSION
CONTROL**

2.8 PRODUCT SUBSTITUTIONS

- A. Substitutions allowed meeting the following criteria:
1. Product must have MINIMUM 10 years zero failure experience in the flooring/concrete industry
 2. Must be integral in the slab.
 3. MUST warrant ANY manufacturers floor covering installed after in case of failure due to product failure (LABOR & MATERIALS)

See sections 3300, 7100, 9600