



SINAK VC-5 Installation Procedures & Schedule

Emergency phone contact: 661-428-1211 Jeff Mosley

-30 day

1. Identify installation crew and conduct online training.
2. Contact SINAK Corporation for representative assignment at 1-800-523-3147.
3. Verify concrete mix design meets 0.45 water to cement ratio.

-14 day:

1. Place order for materials.
2. Verify on site storage location will prevent product from freezing.
3. If necessary make site service request from SINAK to allow travel arrangements.

-7 day:

1. Verify product delivery.
2. Verify spray application equipment is ready with appropriate 0.50 gpm (gallons per minute) tip and that it is clean.
3. Verify pour schedule and notify all site reps.

-1 day:

1. Confirm all materials, equipment and site reps are on site or available.
2. Prepare spray equipment and label or identify for use with SINAK materials only. Verify 0.50 gpm spray tip.
3. Verify weather window is clear.





4. Confirm alternate water cure methods are available in case of inclement weather. Acceptable methods are blankets (cold weather) or plastic sheeting. Contact SINAK Corporation if implementation of these methods become necessary.

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0 Day:

1. Verify load tickets and capture copies for warranty application form.

NOTE: MAX w/c ratio at site shall not exceed 0.50. DO NOT PLACE IF ABOVE.

The SINAK VC-5 warranty will not be issued where mix is above 0.50.

2. DO NOT USE ADDED WATER AT SITE. Use SINAK Finishing Aid during troweling.

NOTE: Evaporation retarders are allowed with proper dilution and only if applied according to the manufacturer's written instructions.

3. Verify placement and finish meets specified ACI floor class and finish.

NOTE: On VC-5 slabs, DO NOT BURNISH OR HARD TROWEL. Light to med trowel finish.

4. Stage enough material to properly cover pour area.

VC-5: 300 sq ft per gal total (600 sq ft per gal each coat) 2 coats required.

CAUTION: IF UNABLE TO ACHIEVE SPREAD RATES ABOVE, IMMEDIATELY CONTACT SINAK EMERGENCY NUMBER 661-428-1211

5. Verify slab is ready to receive product by applying a single mist coat. If product readily absorbs into the concrete, proceed. If the material sits on the surface and does not wet out, wait and retest every 30-60 min. Typical application of all SINAK materials is after early entry saw cutting. Application window is 4-28 hours after concrete placement.





6. When the slab is verified ready:

- A. Begin by treating all saw cuts first. Spray directly into joints.
- B. Apply first coat and then second coat at a 90 degree angle or in a cross hatch pattern.
- C. Apply material to all exposed edges after forms are removed.
- D. Broom any puddles or excessive materials until penetrated.

7. Once complete, verify proper coverage rates have been achieved.

8. VC-5 Warranty Application:

Once the days placement is complete, compile the truck load-out tickets, the receipt or proof of purchase for SINAK materials, and the Application for warranty. You will also need to identify the location of the placement. If this is a large project with multiple placements, designate one person to be in charge of the documentation. It is recommended that you follow best practices procedures on VC-5 projects to ensure compliance for the warranty. Photo documentation and highlighted CAD drawings are recommended.

9. SPECIAL CONDITIONS:

If the weather changes or there are unforeseen circumstances that modify or affect the placement and application of either the concrete or the SINAK materials, contact SINAK at the emergency number provided.

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Only a SINAK representative can modify the application instructions. The above emergency number is a 24 hour contact. DO NOT CHANGE OR MODIFY THE APPLICATION UNLESS DIRECTED BY A SINAK REPRESENTATIVE IN WRITING.

Day 7. Contact your SINAK representative to verify compliance and receipt of any warranties.





Optional Application for Reduced Slab Curl: In climatic zones or regions prone to increased or excessive risk of slab curl, a contractor may choose to add one application of VC-5 to 5-day old joints. This option is only to be applied into the saw cuts and cold joints at five days or after the joints have started to open. This will help to reduce slab curl.

