



QUICK START INSTALLATION - BAGGED PRODUCTS

IF YOU READ ONLY ONE PAGE, READ THIS!

These are the quick steps. Complete details and reference documents can be found at phoscrete.com.

				
Phoscrete Kits: HC/HF: [1] 10.4 lb. Jug+[1] 55 lb. Bag VO: [1] 10.4 lb Jug + [2] 30 lb. Bags	Large Phoscrete Urethane Auger Mixing Paddle	Bosch GBM9-16 9 Amp 5/8", HD Drill Mixer	Magnesium Float, Margin Trowel, and Stucco Sponge (VO)	Polystyrene Foam Board (bond-breaker)

STEPS FOR MIXING, PLACING, AND FINISHING PHOSCRETE KITS

1. Wear proper Personal Protective Equipment according to local regulations.
2. Cool Phoscrete Liquid Activator Jugs on ice or Supercool in a freezer to extend working time.
3. Warm Phoscrete Bags and Jugs in cold temperatures to speed set time.
4. Prepare site to dry, clean, sound substrate and reinforcing steel, with no loose scale or oils.
5. For best bond, use Phoscrete Primer or apply a scrub coat of same Phoscrete product against the substrate. Next apply a 1/4" layer, wait 15 minutes, brush off loose material and proceed with installation.
6. **Mix ONLY** with Phoscrete Liquid Activator. Pour entire contents of Liquid Activator Jug into a clean bucket. **For 1 bag mixing of VO, measure, then pour 54 oz of Activator into the bucket.** Add full Bag(s) of Dry Mix to the bucket. Mix, until no dry powder remains. Use a mixing paddle with a heavy duty mixing drill with side handle. Refer to full installation guide for mortar mixer usage on large volume repairs (>100 kits).
7. **Add** Endure Admix for concrete durability, Add Fast-Set Admix to liquid in bucket to speed up the set time below 50°F (10°C). Add Slow-Set Admix to liquid in bucket to extend set time above 75°F. Refer to All Temperature Guidelines and Endure Admix Quick Start for additional installation information.
8. **Quickly Place** Phoscrete into dry, sound concrete and around clean rebar.
9. **Finish** Phoscrete using a magnesium float, margin trowel, or screed. Work material aggressively, or use a concrete pencil vibrator with HC/HF to increase material flow in tight spaces, and to blend multiple batches. HC/HF require minimum 1" depth (2" preferred). VO can be feather-finished using a damp sponge. Once material develops a "skin," leave it alone for the best finish.
10. **Work fast:** Phoscrete sets up after only 5-15 minutes. On larger repairs you can install in lifts.
11. When Phoscrete sticks to gloves or trowels, rinse or wipe down with water and shake off excess. DO NOT pour water on the Phoscrete repair surface.
12. Phoscrete bonds to itself and concrete with *no cold joints*. Phoscrete bonds to steel and stops rust on contact. Phoscrete does not bond to plastic or polystyrene foam board.
13. **Bring Water:** When done, clean up tools and pail with water. Wash hands with soap and water.

LIMITATIONS:

- ⊗ DO NOT add water when mixing, placing or finishing Phoscrete.
- ⊗ DO NOT use Liquid Activator in proportions greater or less than instructed.
- ⊗ DO NOT apply to concrete that is wet, unsound, dirty, or contaminated with oil.
- ⊗ DO NOT extend with sand or gravel. Phoscrete is pre-extended with aggregates.
- ⊗ DO NOT use any non-Phoscrete additives.

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IMPORTANT INFORMATION

This shipment of VO Kits contains special packaging!

Instead of two [2] 30 lb. bags of dry mix, the dry mix is provided in two [2] 30 lb medium-sized pails.

Follow all installation instructions and be sure to:

- USE A LARGER BUCKET FOR MIXING.
- DO NOT POUR LIQUID INTO THE SMALL PROVIDED PAILS, THERE IS NOT ENOUGH SPACE TO MIX PROPERLY.
- ALWAYS ADD LIQUID TO AN EMPTY PAIL FIRST.
- SUPERCOOL PHOSCRETE ACTIVATOR (FREEZE JUGS THEN PLACE IN COOLER ON ICE) TO INSURE SUFFICIENT WORKING TIME TO PLACE LARGE VOLUMES OF MATERIAL

If you want to mix a full kit, you will need a bucket larger than a standard 5 gallon. Phoscrete offers 8 gallon buckets that mix a full kit (2 bags into 1 jug).

We recommend mixing 1 bag (pail) into ½ jug of activator. A measuring cup marking 54 ounces is provide with your material. That is the measure for exactly ½ jug.

Follow instructions for applying a scrub coat over the entire surface before installing large volumes of material. Install in lifts, and use the coldest activator for the final finish coat.

As always, do not hesitate to contact Phoscrete if you have any questions.

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