



Phoscrete HC Installation Checklist

Phoscrete HC is a fast-setting, easy-to-use concrete repair material that delivers long-lasting repairs with rapid return to service. Phoscrete is primarily used for horizontal, cast in place, and vertical form-and-pour repairs.

Prior to installing any Phoscrete product, **please report your material's Lot Numbers to your Phoscrete Representative** and visit www.phoscrete.com and review our complete installation documentation, photos and videos.

Phoscrete mixes 1 BAG of Dry Mix into 1 JUG of Liquid Activator (Always pour Liquid first).
NEVER MIX PHOSCRETE WITH WATER!

Safety Items

- Appropriate Personal Protection Equipment (PPE):* Follow all DOT and ICRI guidelines.
- Personal Respirator or Particle Dust Mask:* Use for demolition, grinding, and when working indoors.
- Safety Goggles:* Protect against liquid and material splash during concrete mixing.
- Nitrile Gloves:* Wear when directly handling the mixed material or liquid activator.
- Eyewash Station:* Thoroughly rinse eye in event of contact with activator or material.

Job Preparation Items

- Power Source and Extension Cords:* Enough to power lights, drills, etc.
- Air Compressor:* For pneumatic tools and for cleaning prepped area.
- 5-gallon buckets:* Use for mixing Phoscrete and storage of water for cleanup.
- Bucket Lid:* Cover bucket when transporting water for cleanup.
- Water:* Clean trowels while finishing and to clean hands and tools when job is completed.
- Heavy Duty Garbage Bags:* For clean-up.
- Large Coolers:* Chill Liquid Activator on ice in hot climates for extended working time prior to repair. Bring additional coolers and extra ice for larger repair jobs. When installing in lifts, save coldest activator jugs for final mixes.
- Tarp:* Cover dry mix bags and/or repair site after finishing in case of rain.



Site Preparation Items

- Demolition Saw*: Use for demolition and to re-establish control joints.
- Jackhammer or Chipping Gun with Demolition Bit*: Remove unsound/damaged material.
- Phoscrete Needler (Needle Gun)*: Scarify surface and remove loose scale, unsound concrete, and remove all asphalt and petroleum-based materials.
- Propane/Butane Torch (Grass Burner)*: Remove moisture from damp surfaces. Burn off surface oils. Phoscrete bonds best to dry, clean, sound substrates.
- Angle Grinder with Wire Wheel and/or Wire Brush*: Remove slurry and powder from prepared site after sawcutting, remove loose rust and scale from corroded rebar.
- Blower/ Compressed Air*: Remove dust and debris from prepared repair site.
- Polystyrene Foam Board*: Establish control and expansion joint spacing. For headers, better to use two thin pieces and fill the gap with some cardboard in-between to desired opening for easiest removal after pour.

Mixing, Placing and Finishing Items

- Heavy Duty Drill (minimum 7 amp, ½", dual/variable speed)*: Use for mixing Phoscrete. Start on low speed. (Bosch GBM9-16 is highly recommended).
- Phoscrete Urethane Mixing Auger*: Use for fastest mixing and easiest cleanup.
- Paddle-Style Mortar Mixer with rubber-tipped paddles*: Use when mixing and placing multiple kits of Phoscrete at once (recommended for large-volume projects > 1 pallet). Review complete installation guidelines prior to working with mortar mixer.
- Screed*: Level the repair to the surface, and when working repairs up an incline. Note: a urethane-painted wooden screed prevents bonding to Phoscrete.
- Phoscrete Stinger (Pencil Vibrator)*: Increase material flow and promote self-leveling properties (recommended for deeper pours, around and under rebar).
- Magnesium Float and/or Margin Trowel*: Finishing tools. Tap hard when finishing to smooth and bring the liquid to surface. Trowel toward the edges for best bond.
- Cloth Towels*: Wipe trowels with a damp cloth when finishing and wipe tools clean when job is completed.
- Angle Grinder and Diamond Grinding Disc*: Remove high spots after finish, and bevel edges on headers before pouring joint seal. For large areas you can use a walk behind bump grinder as soon as 15-minutes after initial set.



Scan this QR code to visit www.phoscrete.com

Your Phoscrete Representative is available 24/7 if you have any questions or concerns.