



All Season Repair Material

Technical Report

Extend the season for concrete repair with MALP+ Technology™

Phoscrete is a two-component system that combines a Dry Mix with Liquid Activator. Because the freezing point of Phoscrete Activator is -5°F (-20°C), and no water is used in the mix, unlike conventional water-based cements, and elastomeric materials, Phoscrete can be installed in temperatures well below freezing.

In colder temperatures, the set time is accelerated using Phoscrete Fast-Set Admix packets. Please refer to the [All Temperature Concrete Repair Guidelines](#) on phoscrete.com for guidance on when and how to use Fast-Set Admix.

Use the same Phoscrete formula for cold and hot weather concrete repairs

Unlike cementitious repair materials that specify a different formula for hot weather repairs, or elastomeric repair materials that are not typically recommended to be installed in hot temperatures, Phoscrete uses the same formula for all seasons, and the ultimate properties of the repair material remain consistent.

In temperatures above 75°F (23°C), the working time of Phoscrete can be extended using Phoscrete Slow-Set Admix and/or by simply chilling the Liquid Activator. Common installation practice involves keeping the dry mix out of direct sunlight and placing jugs (or pails) on ice in a large insulated cooler. Please refer to the [All Temperature Concrete Repair Guidelines](#) on phoscrete.com for guidance on when and how extend working time.

When working with Phoscrete for the first time, especially when blending multiple kits in a larger repair, cooling the Liquid Activator is advised until the installer becomes experienced placing and finishing Phoscrete.

Because of the air and substrate temperatures, cooling the Dry Mix or Liquid Activator in warm or temperate climates does not significantly reduce the time to traffic opening.

Please note when installing Phoscrete on freezer floors, the temperature of the material, in addition to the temperature of the room and the concrete surface all must be considered when determining the amount of Fast-Set to add to the mix. Please contact your Phoscrete Representative for guidance.