



SEASONAL APPLICATION GUIDE

HOT WEATHER RECOMMENDATIONS

- If the air temperature is above 90° F you need to take precaution. In addition if there is low humidity and or wind blowing across the repair area you could have issues as well. The issue with hot weather isn't really the heat. The matrix does not have a problem with temperature. These conditions can lead to the real problem differential curing. As the moisture is wicked away at the surface either by trans-evaporation or drying and the interior of the repair is curing at a different rate the top surface will shrink and the bottom will stay stationary. The result shrinkage cracks, even in a non-shrink mix.
- Cold water may be used for mixing during cold weather.
- Follow the recommended mixing instructions. Too much or too little water will affect the color and the bond of bond between the mortar and the substrate. I
- Install suitable protection to keep the direct sun off the repairs during and after installation. The protection should be erected as far in advance as practical to prevent heat buildup in the substrate.
- Repeatedly pre-dampen substrate. This mitigates the possibility of the substrate wicking the moisture out of the repair mortar, reducing or preventing adhesion.
- Curing is Critical. As soon as the mortar has set enough as not to be disturbed by water mist begin curing the repair. Please keep the repaired area damp by frequently misting and or loosely covering although not touching the surface; with either a plastic or burlap material. Keep repair damp for at least 48 hours.
- Protect from precipitation for at least 4 hours.
- Leave it alone. Corinthian Restoration Mortar is laboratory formulated. Do not use any accelerators or antifreeze or bonding agents!

COLD WEATHER RECOMMENDATIONS

- Working in the cold or freezing temperatures. The working low for Corinthian Restoration Mortar is 40°; thus a temporary enclosure should be erected and heated to allow substrate and area to reach minimum of 40°F and maintain the 40° temperatures for 48 hrs after installation.
- Follow the recommended mixing instructions. Too much or too little water will affect the color and the bond of bond between the mortar and the substrate.
- Keep it warm and dry. Keep Corinthian Restoration Mortar in a dry and heated area at 40°F or greater.
- The temperature of the substrate must be minimum 40° F and maintained at 40° F or greater while patching and curing.
- Heated water may be used for mixing during cold weather. The water should not exceed 160 F to avoid premature hydration.
- Document. The temperature in the heated enclosures and substrate should be monitored and recorded at regular intervals.
- Leave it alone. Corinthian Restoration Mortar is laboratory formulated. Do not use any accelerators or antifreeze or bonding agents!