



CURECRETE DISTRIBUTION, INC.

Technical Services

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THE APPLICATION OF THE ASHFORD FORMULA IN COLD WEATHER CONDITIONS

The following guidelines are the most important to follow when applying The Ashford Formula in cold weather:

- ✓ *First and foremost* the most important thing to remember is patience.

In cold weather just as it takes the concrete longer to hydrate and set, the chemical reaction that occurs between the Ashford Formula and the cementitious materials in the concrete also requires more time.

- ✓ In extremely cold conditions the Ashford Formula may need to be on the slab surface for 3-4 hours before it will turn slippery.

There are two different application techniques that can be used in cold weather conditions:

1. After the Ashford Formula has been on the surface a minimum of **2 hours** and it has become slippery, it is not necessary to mist and wait for the surface to become slippery a second time. All that is required is the normal flush and squeegee of the surface or to vacuum the Ashford Formula residue off the surface.
2. If **2 hours** following the application the Ashford Formula has still not become slippery the residue can be removed at this time. However **DO NOT** flush with water, as it will wash the Ashford Formula out of the concrete pores. Only use a vacuum or squeegee to remove any residue from the surface, thus allowing the chemical reaction to continue and lock the Ashford Formula into the concrete surface.

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NOTE: NEVER flush an Ashford Formula treated surface with water unless it has become slippery.

- ✓ The Ashford Formula should not be applied in temperatures lower than 35°F (1.7°C).

Care should be used to protect the drums of Ashford Formula from freezing. A drum that has frozen can still be used. But the Ashford Formula must be completely thawed. This can be done by either moving the drum into a warm location or using an electric drum heater that is appropriate for plastic drums. After the Ashford Formula has been thawed so that no slush remains in the drum, lay the drum on its side and roll around to re-agitate. Apply normally.

NOTE: According to the American Concrete Institute (ACI) at low temperatures new concrete must be protected from freezing. The length of protection period can be found in section 306R-8 of ACI's Manual of Concrete Practice.