DURABOND

TECHNICAL BULLETIN

Winter, Spring and Fall Applications Guide

General Guide for Application in Low and Questionable Ambient Conditions

General

All Durex products are water-based and as such they dry and cure by process of evaporation. This process is directly affected by:

High Humidity Conditions

HIGH HUMIDITY LEVELS:

During rainy periods especially in late fall and spring, the humidity levels remain quite high. This drastically prolongs the drying time of the products. Thus, it is necessary to protect newly applied product for a minimum of 48 to 72 hours or even longer in extreme humid or wet periods. Failure to do so will result in potential wash off.

Low Temperature Conditions

LOW TEMPERATURES:

As the temperature decreases it will take much longer for the product to dry and cure. Water simply does not evaporate as fast as it does in the summer months. The minimum curing temperature is 5ºC (41ºF). This temperature applies to both the ambient air temperature and the temperature of the substrate. When working at or near minimum temperatures allow for at least 48 to 72 hours curing time.

Substrate Temperature

TEMPERATURE OF SUBSTRATE:

When the ambient air temperature is above 5ºC (41ºF), the temperature of the substrate is not necessarily above 5ºC (41ºF). During seasonally cooler weather, especially in the mornings, the temperature of the substrate may be below the required minimum temperature regardless of the ambient air temperature. Products applied under such conditions will not cure properly. ***DO NOT APPLY MATERIAL TO WALLS THAT ARE DAMP, TOO COLD OR FROZEN.***

Winter Work

WINTER WORK:

All winter projects should be totally enclosed and temporary heat should be provided to maintain the temperature above 5ºC (41ºF) for a continuous period of 24 hours *before* application to allow the substrate to warm up. Continue heating during the application and for another 24 to 48 hours *after* application to allow for proper curing.

AVOID….

a) **Tears, holes or other openings in the tarps which will allow jets of cold air to lower the temperature in isolated areas.**
b) **Over-heating one section and under-heating another.**
c) **Runoff from accumulated snow on adjacent areas, such as roofs, which can melt and damage the curing material.**
d) **Remove all tarps or other means of enclosure before the product has completely cured.**

Material Storage

STORAGE:

Store all materials in temperatures above 5ºC (41ºF) and keep from freezing. Discard any frozen product. When in doubt, please do not hesitate to call for assistance.

Considerations

In colder weather application, the curing time must be extended from 24 to 48 hours, 72 hours or perhaps longer, if required, depending on the conditions and maximum caution should be used to ensure proper application and curing conditions.

Technical support

Technical support is available upon request at info@durabond.com. Data sheets are subject to change without notice. Please visit our website at www.durabond.com for the most current information, or call toll free at 1-877-DURABOND (387-2266).

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