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Subject: Cleaning during extreme temperatures
Seasonal changes do affect cleaning products.

Within in the specification & data sheets:

Surfaces & Air Temperatures:

Excessively high or low temperatures will produce poor results and possible harm. Best cleaning results are obtained when air and surface temperatures are 40° F (4.4° C) or above. Do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist, allow adequate time for surface to thaw. If air temperatures exceed 90° F (32.2° C), flash cool the surface with water or employ a spray bar below the work area to prevent clean streaking and to cool the surfaces before applying product. Do not allow product to dry before rinsing.

Cold conditions:

Cleaning methods involving water is risky in cold weather. Water within the masonry can freeze, which could cause spalling. Spalling are fragments broken off from the edge or face of masonry. When water freezes at 32° F (0° C), it expands dramatically. The most severe spalling can be from the expansion of water. (Example is when water pipes freeze and burst in unheated homes.) If freezing conditions exist, cleaning later in the day, if possible, is suggested. This may allow adequate time for substrate to thaw. Check the local forecast to avoid freezing conditions after cleaning at least a week in advance.

Hot conditions:

Cleaning methods involving water during hot condition has a problem of the liquid product evaporating to fast. Fast evaporating shortened the adequate dwell time needed for the products to perform properly. Pre-wetting (not soaking) with water can flash cool the surface. Re-applying the products may be necessary, so not allowing it to dry under the dwell time. Work in small sections, a wetting bar below the work stage can keep the product from drying on the surfaces below or a rinsing person wetting the area below. Clean early in the morning, if possible, is suggested. An overnight cooling of the substrate is better than late in the day. Late in the day the air temperature may be cooler however the substrate is still hot.

Also, be aware that the mock-up panels where products were tested during extreme weather won't be accurate when cleaning under normal conditions and vice versa. Re-testing in current weather conditions needs to be done. Always test prior to beginning full-scale cleaning operations. Testing should confirm cleaning effectiveness on each type of surface and stain designated to be cleaned. Testing also determines the desired dwell time and any potential or adverse reactions with adjacent materials. Allow test panels to dry thoroughly before evaluating final appearance and results.

Any questions or concerns please contact us at (800) 313-8505

Thank you for using EaCo Chem products