



TECHNICAL NOTES

INSTALLATION OF FACADESXI PRODUCTS IN HOT WEATHER

When working with FacadesXi products in hot and windy conditions, it's important to keep in mind that these conditions can affect the workability, water requirements, and setting time of the products. This can potentially result in aesthetic and performance issues.

Here are some tips and requirements specifically for installing FacadesXi products in such conditions.

ALL PRODUCTS

1. **Start early:** It is recommended to work when the maximum temperature of the wall and the air is below 95 degrees Fahrenheit or 90 degrees Fahrenheit with an 8 mph wind. However, these thresholds can vary depending on factors like cloud coverage, humidity, and wall orientation.
2. **Work in an area that is away from direct sunlight and wind.** Try to create a cool environment by using water and shade. It's important to keep your people cool as well.
3. **Keep materials cool:** Store all your materials in a cool space, preferably air-conditioned if available.
4. **Use cool mixing water:** Never use hot water or water from a hose that has been left in the heat.
5. **Keep tools cool:** This can be achieved by storing them in shaded areas or using cooling techniques like wet towels or ice packs.
6. **Use materials immediately:** Avoid letting them sit in the heat, as this can affect their workability and setting time.
7. **Utilize scaffold tarps:** This helps regulate the drying process, ensuring that the product dries more uniformly.
8. **Plan for shorter working and open time:** Plan accordingly and ensure that you have enough personnel to complete the application without interruptions.

STUCCO

During the hot summer months evaporation happens fast, and in the wind even faster, so it's important to slow down the process.

1. **Moist cure!** This process is required for FacadesXi stucco products and it essential during hot weather.
2. **Use FacadesXi Admix:** This additive aids in preserving moisture within the stucco base.
3. **Mist the wall:** If you are applying stucco to a CMU (concrete masonry unit) or cement base wall, mist the wall with water before applying the stucco.

POLYMER MODIFIED /EIFS BASE COATS AND ADHESIVES

In addition to the previous hot weather tips mentioned, please note the following:

1. **Prevent rapid drying:** If the adhesive dries too quickly, it can negatively impact the bond between the insulation board and the substrate. In such cases, the affected area must be removed, and a fresh application of the product is necessary to maintain a strong bond.
2. **Avoid moist curing or adding extra water:** Unlike other materials, EIFS base coats should not be moist cured or have extra water applied to the wall after application.

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ACRYLIC FINISHES

1. **Avoid hot surfaces:** Ensure that the surface you are applying the finish to is not hot. Hot surfaces can cause the finish to dry too quickly, resulting in uneven color and texture.
2. **Mist stucco walls:** Lightly mist the surface with a cool mist. This helps create a more favorable environment by reducing the risk of the finish drying too rapidly.
3. **Skip misting EIFS basecoats:** Unlike stucco walls, EIFS basecoats should not be misted. Instead, focus on working in cooler temperatures and choose the "cooler" side of the wall for application.
4. **Use a primer:** Primer slows down and evens out the suction of the base coat, resulting in a more uniform application, floating, and drying of the acrylic finish.
5. **Work in smaller sections:** This allows you to focus on one area at a time, ensuring a smooth and consistent application before it dries.
6. **Float the finish coat sooner:** Floating a finish that is too dry can lead to surface burning, irregular texture, and color variation. Ensure that the finish coat is worked and floated while still wet to achieve a smooth and consistent result.

CEMENT FINISHES

When working with cement finishes, similar techniques to those used for stucco should be applied.

1. **Mist the Stucco brown coat,** use Xi-Admix, moist cure after application.
2. **Continue moist curing** for a couple of days or longer if the weather remains very windy, dry, and hot. However, excessive watering can result in increased color differences.

By following these tips, you can mitigate the challenges posed by hot and windy conditions when installing FacadesXi products, resulting in a better overall outcome.

As always, if there are any specific or future questions, please contact us and we are happy to help.