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DUOTACK® SPF

Cold Weather Application Considerations

As winter approaches, this is a friendly reminder that many construction materials' characteristics and application can be affected by low temperatures and may require additional attention to storage and handling. Like all 1-part PUR foaming adhesives, the curing rate of DUOTACK SPF adhesive is affected by both temperature and humidity; this includes ambient conditions as well as the temperature of the product itself and the substrate over which it is being installed. Colder temperatures and lower humidity will slow the reaction of the adhesive and extend the time required for bonding.

SOPREMA recommends a minimum ambient temperature of 40°F (4°C) and rising when using DUOTACK SPF. When ambient or substrate temperatures are lower, precautions should be taken to ensure that the adhesive is stored, handled, and applied properly to facilitate proper performance. When cold-weather arrives, be mindful of the following points to help ensure a successful installation:

DUOTACK SPF tanks must be conditioned between 70°F (21°C) and 90°F (29°F) prior to use. Conditioning may take up to 24 hours or more to ensure the adhesive has reached optimal application temperatures. Shaking the tanks for 1 minute is required prior to application.

- As DUOTACK SPF should only be applied when the material is between 70°F (21°C) and 90°F (32°F), it is also recommended to maintain the product within the desired temperature range on the rooftop.
- Do not store the material on the rooftop overnight. Using "hot boxes" to warm cold material on the roof will not ensure that the product reaches the desired temperature.
- The ambient temperature and substrate must be measured at 40°F (4°C) and rising at the time of application.

As the winter months approach, it is good roofing practice to be mindful of the changing weather conditions, as they can vary greatly from day-to-day. For additional information or guidance, you may contact a SOPREMA technical support representative by calling 800-356-3521.