



# COLD WEATHER BULLETIN



The performance of all HandiFoam® polyurethane foam is contingent on ambient temperature, substrate temperature, and chemical temperature. Chemical that is either too hot or too cold as well as extreme substrate temperatures can negatively impact the application and quality of polyurethane foam. This can lead to loss of physical properties, off-ratio spray, lower yield and adhesion issues.

When ambient temperatures reach 60°F (16°C) or below, special attention and care should be taken to ensure the chemicals are dispensed and applied so that the foam sets up as designed.

## HERE ARE SOME TIPS TO HELP DURING COLD WEATHER:

- Always maintain a chemical temperature between 70-85°F (21-29°C). Optimum chemical temperature for **best product performance is 80°F (27°C)**.
- ColorWise® Temperature Warning Nozzles change from clear to blue, indicating that the chemical has reached cold temperatures **below 60°F (16°C) and the foam should not be dispensed**.
- Stop spraying if foam is 60°F(16°C) and below to avoid off-ratio foam and yield-loss, and properly condition the chemical before spraying again.
- Properly conditioning chemical temperature prior to use is critical to the ratio, adhesion and appearance of the foam.
- It takes **three times longer to warm chemical than it does to cool** it down.
- Do NOT store chemicals in cold locations or outdoors overnight. **Optimum storage temperature is between 60-90°F(16-32°C)**.

If you have any further questions, please feel free to contact your local HandiFoam Sales Representative.

We appreciate your business and look forward to continuing to provide you with excellent service, products and mechanical solutions.

