

HOT WEATHER APPLICATION GUIDELINES

OVERVIEW

High temperatures accelerate chemical reactions, reducing pot life and working time. Hot substrates or high ambient temperatures can also create outgassing, blistering, and inconsistent curing.

Critical Considerations

- Substrate Temperature: Avoid application on slabs >85°F (29°C).
- Air Temperature: Maintain airflow to control exotherm.
- Humidity: Low humidity can cause rapid solvent evaporation, pinholes, and poor film formation.

Installation Practices

- Pre-chill material if feasible.
- Apply coatings during cooler parts of the day (morning or evening).
- Use products with extended working times designed for warm climate application.
- Use multiple thin coats to control exotherm and avoid gassing.
- Avoid thick pours or heavy builds in extreme heat.

Best Practices

- Monitor slab temperature with infrared thermometer.
- Keep material shaded and ventilated.
- Adjust batch size to match shorter pot life.