

Pour-Guidance:

Warm weather can accelerate the drying of liquid cement screeds but may also lead to uneven drying, and increased risk of shrinkage cracks, if not carefully monitored and controlled. Take note of the following pointers to help ensure a successful installation in warm conditions:

- + Cement-based screeds require extra care when installing during hot summer conditions over 25°C. European standards (EN 8204-7:2003) advise keeping temperatures of the substrate slab and workspace within 5-30°C throughout the installation and first 72 hours of drying.
- + Refrain from pouring when air temperatures exceed 30°C, and only resume when the temperature falls back to 30°C and below.
- + Protecting the screed: The installed screed should be protected from direct sunlight, draughts, and high temperatures for at least 24-48 hours after installation. Ensure the screed is poured into a watertight location with internal temperatures below 30°C.
- + Optimal application time: In hot weather, it is best to apply the screed later in the afternoon to allow for cooler conditions during the critical setting phases.
- + Storage of products: Store the FLOWPLUS additive and associated raw materials away from direct sunlight and protect them from the elements.
- + Mixing water: Use cool running water for mixing the screed and avoid using water stored in buckets or drums exposed to direct sunlight.
- + Substrate preparation: Absorbent substrates may have higher porosity in hot conditions. Consider damping down the surface with water or priming to help with application and reduce suction.
- + Size of working area: Reduce the size of working areas to ensure materials are installed as quickly as possible.
- + Use shading for windows, doors or skylights to protect from solar heat gain.
- + Protect screeds from extreme changes in temperature. For example the difference between day and night in the screeded area.