



Technical Application Guide

Installation of Gyvlon Screeds in Hot Weather

Introduction

The performance and final finish of our screeds can be affected by site conditions during installation and the early curing period. Unlike cement-based screeds, our calcium sulphate formulation does not set or dry faster in high temperatures.

In fact, excessively hot conditions can slow the curing process and negatively affect screed performance. High temperatures and rapid moisture loss due to fast water evaporation may increase the risk of surface shrinkage and cracking. Protect freshly installed screeds from direct sunlight, hot substrates, and strong draughts during installation and early curing.

Temperature Limits

In accordance with **British Standards Institution BS EN 8204-7** (Pumpable Self-Smoothing Screeds):

- The temperature of the substrate and surrounding air must remain between 5°C and 30°C during installation and for at least 72 hours afterwards.
- Screed installation must stop when air temperatures exceed 30°C.
- Installation may resume once temperatures return to 30°C and falling.
- Supply of screed mortar above 30°C will be at the discretion of the screed producer.

Pumping and Application Timing

- Application during hot weather is best carried out later in the afternoon or early evening to allow cooler conditions during the critical setting period.
- Minimise delays between pumping, placement, and finishing operations.
- Ensure adequate labour and site coordination to maintain continuous installation.



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