



RENOSCREED COLD WEATHER WORKING GUIDANCE

Introduction

Renoscreed products include both traditional sand and cement screeds and thinner, flowing levelling screeds. Like all cement-based materials, they can be affected by cold weather if installed in unsuitable conditions.

As outlined in BS 8204 Part 1 and Part 7, screeds must only be applied when the temperature is between 5°C and 30°C. This is also clearly stated in each Renoscreed product's Technical Data Sheet (TDS). Working outside this temperature range can reduce performance and cause issues during curing.

The BS8024 is the standard that regulates screeding product in the UK

Important Cold Weather Considerations

- Maintain a minimum surface temperature of 5°C during and after installation. This includes both the screed and the substrate beneath.
- Check the air temperature – it should be above 3°C and rising before starting any work.
- Be mindful of the weather forecast for at least 72 hours after screeding. Sudden temperature drops or frosts may affect curing.
- If the screed is being bonded directly to concrete, make sure the concrete base is also above 5°C.
- In colder temperatures, curing and strength gain will take longer. This is because cement needs warmth and moisture to harden properly. Working in low temperatures may delay when the screed can be walked on or loaded.

Material Storage and Mixing in Cold Conditions

- Use clean, unfrozen water at a moderate temperature when mixing the screed.
- Ensure that all bags of material are acclimatised to the surrounding environment and are at a minimum of 5°C before use.
- Never use materials that have been stored in freezing or damp conditions, as this may affect performance.

Heating and Protection On Site

- Temporary heating may be used to maintain the working temperature, but do not use direct or forced heat to dry the screed.
- Forced drying, especially in the first 3–5 days, can cause shrinkage cracks or curling of the surface.
- Use enclosed areas or insulation sheets to protect screeded zones from cold air and draughts.



Need Support?

If you're unsure whether conditions are right for installing Renoscreed, please speak to your local Renoscreed representative, or call our technical team on 01709 261 007. You can also email contact@renoscreed.co.uk – we're happy to help.

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