



# screedflo



## SCREEDFLO MAINTENANCE SHEET

### 0 - 48 hours after installation

Immediately after application and until the screed has hardened protect the surface from frost, direct sunlight, draughts and water ingress. The environment should remain sealed for 48 hours and access restricted.

Do not cover the screed. Screeflo should not be cured under polythene.

### 48 hours to 7 days

Light foot traffic after 48 hours. Normal site traffic and erection of non-load bearing partitions can proceed after 7 days.

After 48 hours good drying conditions should be encouraged. Increase ventilation and encourage favourable air temperatures.

Dehumidifiers and space heaters can be used as early as 7 days after application to assist with drying. Care should be taken to ensure that a closed system is employed to avoid extracted moisture being re-circulated. Avoid water ingress on completed screed and remove any standing water as soon as possible. Screeflo may suffer a temporary loss of strength whilst saturated but this will be regained upon drying.

Screeflo is not a wearing surface and protection from other trades should be considered in highly trafficked areas.

### Surface Laitance

After 7 days the screed will require a surface sand if the floor is to have a bonded or adhered finish. This will remove any surface laitance that may have formed. It will also provide the necessary key for the anhydrite compliant primer. It is advisable to use a light industrial sander with integrated vacuum system to avoid dust inhalation. Sanding the floor will improve drying times as a textured surface provides a larger surface area to give off moisture.

### Floor Finishes

Ensure that the surface of the screed is free of surface laitance and dry as detailed in the **Drying** information here.

Primers - When applying adhesives or cement based products such as levelling screeds and grouts, the screed surface must first be primed with an appropriate primer as recommended by the manufacturer.

Most manufacturers will only guarantee their finishes when used in conjunction with their own products.

### Drying

Screeflo will dry at an average rate of 1mm per day up to 40mm. This is an approximate guide only and is subject to ambient humidity and site conditions. Screeds in excess of 40mm thick will take longer to dry.

When installed over under floor heating the screed must be put through the commissioning cycle in accordance with BS1264:2001 Part 4 prior to the application of floor finishes.

This also means that force drying can be accomplished and the underfloor heating system can be commissioned as early as 7 days after application, which means a 50mm screed could be dry and ready to receive floor coverings 28 days after installation.

Raise the water temperature in 4-5°C increments from ambient temperature to 20-25°C and maintain for a minimum of 3 days. After this period further raise the temperature in 4-5°C increments per day up to the optimum operating temperature of the system. Note: Water temperature should not exceed 50°C.

Maintain for a further 4 days (typically 7 days if force drying) for a 50mm screed prior to returning to ambient temperature in readiness for floor finishes. Ensure that the UFH system is switched off for a minimum of 48 hours prior to determination of the moisture content using a recognised method. Failure to follow this procedure prior to the application of floor coverings is likely to lead to the failure of the floor finish.

### Testing - Residual Moisture Content

Before floor finishes are laid, the moisture content of the screed should be checked by the floor finishes contractor. The British Standard for testing a base to receive a resilient floor covering is to use a hair hygrometer. This provides a non-destructive test and when tested strictly to the method defined in BS8203: will give reliable results on calcium sulphate screeds for RH near to 75% (the required limit for floor finishes).