

Client: _____

Building project: _____

Preliminary remarks

- At temperatures below + 5° C, the setting process of the binding agent (cement) is delayed or completely interrupted.
- The screed must be protected from drying out too quickly due to draughts, direct sunlight and low humidity.
- The screed surface must not be covered with sheeting, building materials (e.g. plasterboard) or similar since this impedes drying, which can lead to incorrect results when determining the moisture content.
- From the 2nd day after screed installation, air exchange must be ensured at least 3 times a day for 20 minutes in order to remove the moisture in a controlled manner.
- Closed windows hinder or prevent the exchange of air and significantly delay drying.

Period of screed laying: _____

Start of heating phase: _____

Switch off the night setback during the heating phase!

DAY	FLOW TEMP.	DATE	SIGNATURE
Day 6-8	+ 25°C		
Day 9-14	+ 45°C		
Day 15-20	+ 35°C		
Day 21	+ 25°C		
Day 22	moisture test		

End of heating phase
(date)

Stamp/signature of
heating company

Notes on care after screed installation

This information is intended for the client and relates to the period after the screed has been laid. The client is responsible for ensuring suitable climatic construction conditions. please note the following points:

Air circulation

mach 1 improves the hydration of the screed and therefore the drying time. However, a regular exchange of air is crucial. Excessive humidity can prolong the curing and drying time. Sufficient air circulation must be ensured 24 hours after the screed has been laid by ventilating the room. To do so, all windows and doors must be opened several times a day for 20 to 30 minutes.

Underfloor heating phase

The screed optimised with **mach 1** can be heated up 6 days after installation. The heating phase must be completed before the floor covering is laid. The specific instructions in the associated heating protocol must be observed. The temperature must not be lowered at night, as this has a negative effect on the drying process.

Frost protection

The screed must be protected from frost during the entire drying time.

Water protection

After installation, the screed surface must be protected from water until the floor covering is laid. Exposure to water during the fresh or setting phase can cause damage to the screed surface and impair drying.

Walkability and load-bearing capacity

The screed can be walked on 24 hours after installation. The load-bearing capacity for normal construction site traffic is given after 3 days, which allows it to be moved with e.g. wheelbarrows. The use of hand pallet trucks or similar is only possible after the final strength has been reached. Premature loading can lead to damage to the screed surface and cracking.

Covering the screed

The screed must not be covered during the entire drying phase. Storing building materials on the screed, even partially, can delay drying and lead to incorrect moisture measurements.

Avoidance of vibrations

Shocks and vibrations to the screed must be avoided at all costs.

Edge insulation strips

The edge insulation strips may only be removed by the floor layer or tiler after the floor covering work has been completed. Premature cutting can lead to soiling or filling of the edge joints, which in turn can lead to sound bridges and cracking.

Drying measures

Forced drying, for example using condensation dryers, is only possible 14 days after installation at the earliest. This also applies to ventilation fans for air circulation. Premature drying measures can lead to undesirable deformation of the screed, particularly in the joints, which can result in uncorrectable warping and an increased risk of cracking.

Floor covering work only after the floor is ready for covering

Floor covering work may only be started when the screed is ready for covering. The residual moisture must be determined using the CM measuring method. Other measuring devices and methods can provide inaccurate results. Incorrect measurements can falsify the water content and cause damage if the floor is covered prematurely. According to DIN 18560, all floor coverings must be laid below a residual moisture content of 1,8 CM% for heated screeds and 2,0 CM% for unheated screeds.