



Heating protocol

for heat drying of cementitious screeds with

UZIN AS 51 Express

Customer / Ordering party / Builder / GC:

Location / Building:

Construction phase:

Room:

Important preliminary remarks:

- ▶ The room temperature during installation and hardening of the screed should be approx. 15 – 18 °C. During the cold season we recommend starting the heating system at a low flow temperature already when beginning the installation work.
- ▶ The rooms shall be aired out (3 – 5 times a day 10 minutes each (intermittent full ventilation)) in a suitable manner to carry off excess moisture. Drafts are to be avoided.
- ▶ Do not keep the windows tilted at night if screeds are not heated.
- ▶ The surface of the screed must be free from building material, film or similar.
- ▶ The night time temperature reduction must be deactivated during the heat drying period.
- ▶ Construction driers can be used 7 days after installation.

Documentation of procedure:

Heating system: _____ Thickness of screed: _____ cm Pipe covering: _____ cm

Day:	Procedure:	Date:	Carried out by:
Installation date/ last day of installation:			
1 – 4	Idle time		
5	Begin heat drying to 25 °C flow temperature		
6	Maintain 25 °C		
7	Maintain 25 °C		
8	Raise flow temperature to 35 °C		

9	Maintain flow temperature of 35 °C		
10	Maintain flow temperature of 35 °C		
11	Raise flow temperature to max. flow temperature of 45 °C		
12	Maintain flow temperature of 45 °C		
13	Maintain flow temperature of 45 °C		
14	End of functional heating. CM Measurement. The screed should be ready for covering if the conditions are complied (the installation should be left in operation if there is a risk of frost).		

Important:

- ▶ Readiness for covering is reached when the required residual moisture (CM measurement) has been achieved. The CM measurement, as outlined in the CM measurement instructions, is carried out with a net sample weight of 50 gram and a reading time after 10 min.
- ▶ Perform the CM measurement only at the measuring points marked.
- ▶ If readiness for covering was not reached after heat drying, heating may continue at a flow temperature of 40 °C until readiness for covering is reached (further moisture measurements).
- ▶ Observe product data sheet of UZIN AS 51 Express.

Readiness for covering reached on: _____

Begin of top floor installation: _____

Confirmation of measures performed:

Location / date	Heating constructor	Stamp / Signature
Location / date	Top floor installer	Stamp / Signature
Location / date	Construction manager / Architect	Stamp / Signature
Location / date	Builder / Ordering party	Stamp / Signature