

# INITIAL UNDERFLOOR HEATING/SCREED HEAT-UP PROCEDURE

**ambiente**<sup>®</sup>

more than underfloor

## PROCEDURE

The initial heat-up procedure is very important and should be followed strictly to ensure that drying does not occur too quickly causing cracking of the screed or timber shrinkage and cracking of ceramic floor tiles. After the laying of the screed there should be at least 21 days before the initial UFH heat-up procedure is started. It should also be noted that a number of floor coverings cannot be applied until the underfloor heating has been run and completed its initial heat up procedure. In all cases timber flooring manufacturer's specific installation instructions regarding the fitting of their product over underfloor heating systems must be followed.

The screed should be allowed to dry for the recommended time and moisture content as advised by the screeding company.

Floor coverings (tiles, linoleum, timber, etc.) should only be applied on the recommendation of the flooring manufacturer which may be before the screed has dried or when the screed has reached certain moisture content or after the initial heat up procedure for the under floor heating has been carried out. Step by step checklist to be carried out by the client's site representative.

| STEP | PROCESS  | COMPLETE                 |
|------|--|--------------------------|
| 1    | SET ALL BOILER TEMP TO 20° FLOW TEMPERATURE                          | <input type="checkbox"/> |
| 2    | SET ALL ROOM STATS TO DESIGN TEMP 'CALLING FOR HEAT' (E.G. 21°, 18°) | <input type="checkbox"/> |
| 3    | SET FLOW UFH BLENDER VALVE TO DESIGN FLOW TEMP (55°)                 | <input type="checkbox"/> |
| 4    | LEAVE FOR 3 CONSECUTIVE DAYS RUNNING AT 20° FLOW                     | <input type="checkbox"/> |
| 5    | ON DAY 4 RAISE THE BOILER TEMP BY 4°                                 | <input type="checkbox"/> |
| 6    | ON DAY 5 RAISE THE BOILER TEMP BY 4°                                 | <input type="checkbox"/> |
| 7    | ON DAY 6 RAISE THE BOILER TEMP BY 4°                                 | <input type="checkbox"/> |
| 8    | ON DAY 7 RAISE THE BOILER TEMP BY 4°                                 | <input type="checkbox"/> |
| 9    | ON DAY 8 RAISE THE BOILER TEMP BY 4°                                 | <input type="checkbox"/> |
| 10   | ON DAY 9 RAISE THE BOILER TEMP BY 4°                                 | <input type="checkbox"/> |
| 11   | ON DAY 10 RAISE THE BOILER TEMP BY 4°                                | <input type="checkbox"/> |
| 12   | ON DAY 11 RAISE THE BOILER TEMP BY 4°                                | <input type="checkbox"/> |
| 13   | ON DAY 12 RAISE THE BOILER TEMP BY 4°                                | <input type="checkbox"/> |
| 14   | ON DAY 13 <b>TURN DOWN</b> ALL STATS TO 15° AND LEAVE                | <input type="checkbox"/> |
| 15   | CONFIRM ACCEPTABILITY OF SCREED MOISTURE CONTENT                     | <input type="checkbox"/> |
| 16   | ALLOW SCREED TO COOL FOR 48 HOURS BEFORE FITTING FLOOR FINISHES      | <input type="checkbox"/> |

| PLOT NUMBER | ADDRESS |
|-------------|---------|
|             |         |

I confirm that the above procedure has been followed.

| NAME (PRINTED) | SIGNED | COMPANY |
|----------------|--------|---------|
|                |        |         |

Please note:

It is the responsibility of the following trade to confirm the acceptability of the moisture content in the screed. After the above scree should be allowed to cool for 48 hours before install of coverings.