

## PRESSURE TEST LOG FORM SHEET

### Pressure log for surface heating in accordance with DIN EN 1264-4 and VOB/DIN 18380

Building project \_\_\_\_\_  
 Building phase \_\_\_\_\_  
 Customer represented by \_\_\_\_\_  
 Supplier represented by \_\_\_\_\_

The individual heating circuits must be subjected to a pressure test prior to installation of the screed. Metal plugs, caps, blanking plates or blind flanges must be used to seal all pipes. Only the pipe system including the connections may be subjected to the leak test. Devices, expansion vessels, balancing valves and other system components may not be tested simultaneously. The system must be filled with water acc. VDI 2035 and flushed until there are no bubbles; all air must be removed from the system. Visually check that all pipe connections are expertly executed and properly connected. The pressure test must remain upright during the screed is installed. The pressure test must be recorded in the log. If there is danger of freezing, suitable measures, such as heating the building or using anti-freezing agents must be taken. If anti-freeze is not required for permanent operation, then the system must be emptied and the anti-freeze must be removed by flushing the system several times.

Pipe type  ff-therm multi Difustop  ff-therm ML5 Difustop  profitherm AL  
 Dimension  12 x 2.0  14 x 2.0  16 x 2.0  17 x 2.0  18 x 2.0  20 x 2.0  25 x 2.3  
 Anti-freeze added  Yes  No Quantity \_\_\_\_\_ Concentration \_\_\_\_\_ Frost projection to \_\_\_\_\_

### Impermeability test acc. DIN EN 1264-4

**Test pressure:** The test pressure **must be twice** as high as the operating pressure, however it must be at least **6 bar** (10 bar is recommended). If there is a pressure drop higher than 1.2 bar (at 20 °C), the pressure test must be repeated.

**Test time:** The test must be conducted over a period of not less than **min. 120 minutes**.

The test time will begin only after thermal equilibrium and steady state condition has been achieved.

**Pipeline capacity:** \_\_\_\_\_ **liters**      **Test pressure\*:** \_\_\_\_\_ **bar**      **Test time:** \_\_\_\_\_ **minutes**

- The visual inspection of the system has been completed.
- A manometer/U pipe was used for the test.\*
- No pressure drop was observed during the test period.
- The piping system has been proven to be leak-tight**

Place, date \_\_\_\_\_

\_\_\_\_\_  
 (Customer signature/customer representative signature)

\_\_\_\_\_  
 (Supplier signature/supplier representative signature)

\* Manometers must be capable of accurately measuring the pressure to the nearest 0.1 bar.