

PRESSURE TEST LOG FORM SHEET

Pressure log for surface heating with compressed air and inert gases based on 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 with compressed air or inert gases. Devices, expansion vessel, balancing valves, manifolds and other system components may not be tested simultaneously. Visually check that all pipe connections are expertly executed and properly connected.

Prior to commissioning the system need to be filled and tested with water according to VOB/DIN 18380 and EN 1264-4

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

1. Impermeability test

Test pressure 150 mbar: If the pipeline has a capacity of up to **100 liters**, the test must be conducted over a period of not less than **30 minutes**. The test time must be increased by **10 minutes for every additional 100 liters**.

Pipeline capacity: _____ **liters** **Test pressure*:** _____ **bar** **Test time:** _____ **minutes**

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

- 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.

2. Strength test

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

Test pressure (max. 3 bar **): _____ **bar** **Test period (10 min):** _____ **minutes**

- 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 1 mbar.

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