Pressure test protocol for underfloor heating systems, testing with water

Test report for the MULTITUBO systems underfloor heating systems.

Building project: _____

Construction phase: _____

Contracting authority / representative: _____

Contractor/ representative: _____

Connectors used with the MULTITUBO systems Alu Multilayer Pipe:

☐ Metal-Press-Fittings ☐ PPSU-Press-Fittings ☐ Metal-Push-Fittings ☐ PPSU-Push-Fittings
☐ Welding Fittings ☐ Screw-Fittings

☐ **All connections have been visually inspected to ensure that they have been properly installed.**
☐ Vessels, devices and fittings not suitable for the test pressure were separated from the plant/section to be tested.
☐ The pipe system was professionally flushed with filtered drinking water, completely filled and ventilated.
☐ The temperature difference between test medium and ambient temperature has been taken into account (difference > 10 K => wait 30 min, then check test pressure), when the test time began.
☐ A manometer with a reading accuracy of 100 hPa (0.1 bar) was used.

Test (testing time 24 hours)

Max. allowed operating pressure: _____ **bar** System height _____ m
(related to the lowest point of the system)

Design parameters Flow temperature _____ °C
Return temperature _____ °C

Heated surface _____ m^2

Start-date / -time: _____ , _____ **Testing pressure:** _____ **bar**
Date Time (min. 4 bar, max. 6 bar)

End-date / -time: _____ , _____ Pressure-drop during the test: _____ bar
Date Time (max. 0,2 bar)

Attestation

No leaks or permanent deformations of components could be detected at the above-mentioned installation at the end of the test.

Place, date Signature, company stamp, contractor

Place, date Signature, company stamp, contracting authority