

## Pressure test protocol for radiator connections, testing with water

Test report for the MULTITUBO systems radiator heating installation.

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.

**Allowable max. operating pressure:** \_\_\_\_\_ bar    System height \_\_\_\_\_ m  
(related to the lowest point of the system)

Design parameters      Flow temperature \_\_\_\_\_ °C / Return temperature \_\_\_\_\_ °C

Start-date / -time: \_\_\_\_\_ , \_\_\_\_\_  
Date                      Time

**Testing pressure:** \_\_\_\_\_ bar

(Test pressure according to DIN 18380 = set-to-operate pressure relief valve, test pressure according to DIN EN 14336 1.3 x operating pressure)

End-date / -time: \_\_\_\_\_ , \_\_\_\_\_  
Date                      Time

drop in pressure: \_\_\_\_\_ bar  
(max. pressure drop 0.2 bar)

- No pressure drop was detected during the test period.  
 All connections visually inspected for proper tightness.  
 The piping system is tight.

If there is a risk of freezing, suitable precautions must be taken (e.g. use of antifreeze, temperature control of the building). If antifreeze protection is no longer required for the intended operation of the system, antifreeze must be removed by draining and rinsing the system with at least 3 water changes.

Antifreeze was added to the water:     Yes     No                       Removed after pressure test  
 Proceeded as explained above:         Yes     No

### Attestation

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

\_\_\_\_\_  
 Signature, company stamp, contractor

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

\_\_\_\_\_  
 Signature, company stamp, contracting authority