

Report - Pressure and tightness testing

Pipe installation



Installer/Company name, executed by:	Testing has been carried out by:	Date and time of inspection:
Property address:		Scope of testing:
Installed system <input type="checkbox"/> Roth underfloor heating system <input type="checkbox"/> Roth MultiPex® pipe system <input type="checkbox"/> Roth Alu-LaserPlus® system		Application: <input type="checkbox"/> Tapwater System <input type="checkbox"/> Heating system
Risk assessment prior to testing, signature:	Notes from risk assessment:	
Pressure testing requirements according to DIN EN 1264, Part 4 :	Sampling equipment, ID number, etc.	Pressure medium:
Remarks re. effects of result:		
Media temperature, °C	Ambient temperature, °C	Temperature difference, °C

<input type="text"/>	Operating pressure, bar (Tapwater max. 10 bar)	<input type="text"/>	Test pressure, bar (1.5 x operating pressure)
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The supply water must be clean and the system completely ventilated

Temperature difference is < 10°C (Medium-Ambient)

Step 1* **Tightness testing of Presscheck, Test pressure P_{tight} - 1.5 bar**

During the pressure increase to P_{tight}, all couplings must be tight, any pressure drop cannot occur after 10 min.

Step 2 **Pressure test starts**

P_{test} = Operating pressure x 1,5 = _____ bar

Step 3 **30-minute wait for equalisation of P_{test} due to temperature equalisation and stabilisation of the pipe system**

Step 4 **Pressure testing, control time 10 minutes**

During pressure testing, it must not be possible to read off any pressure drop, no measurable leaks

The system is tight

Important information:

- > Personal injury, water leaks and environmental damage must be taken into account during the risk assessment
- > The pipe system must be entirely filled with liquid during pressure testing, filling must take place slowly and, if possible, from the lowest point in the system
- > If parts of the installation have a lower pressure class than the pressure testing pressure, they must be disconnected or shut off prior to pressure testing
- > The meter on the pressure testing equipment must be readable with an accuracy of 10 kPa
- > After testing, the system must be entirely filled with liquid or completely emptied of liquid. If glycol has been used, the system must be flushed thoroughly with clean water
- > The pressure testing report is prepared by the installer and submitted to the customer

Location _____ Date _____

Customer _____ Installer _____

**Note: Step 1 is applicable only if the system includes press connections.*

This report has been prepared in accordance with content requirements specified in Technical Regulation and according to requirements from Roth Industries.