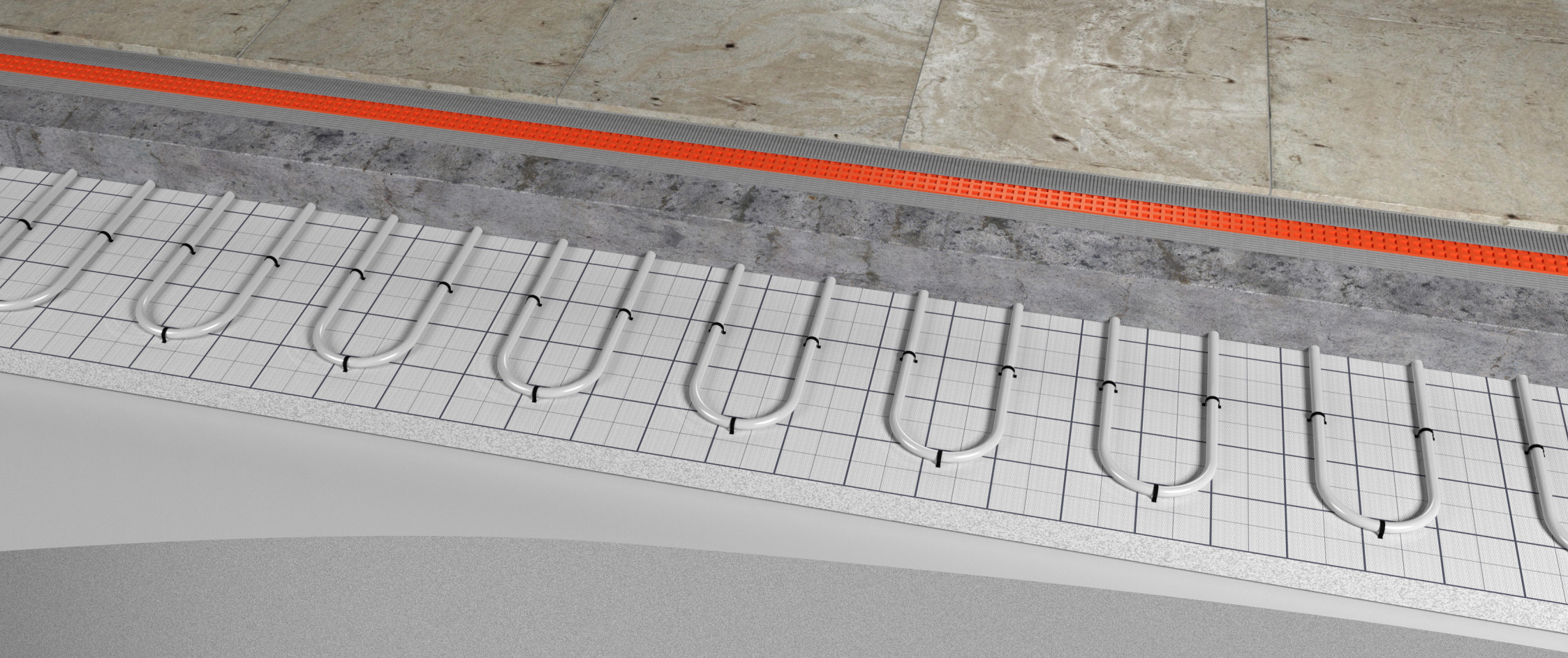
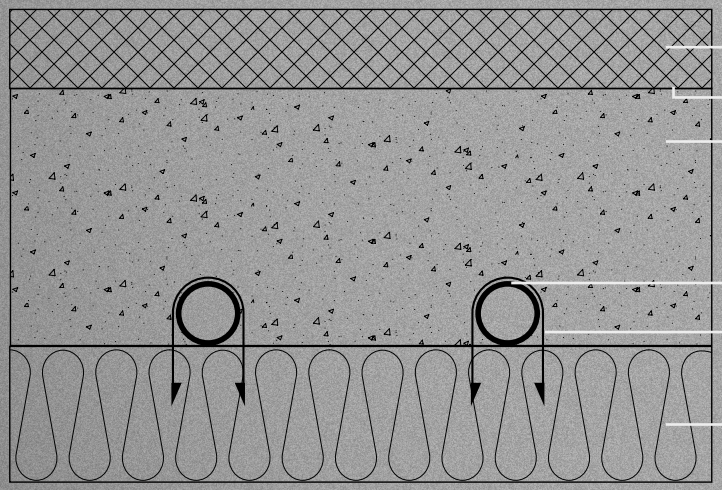
Base
UNDERFLOOR HEATING SYSTEMS

UNDERFLOOR HEATING SYSTEMS SPECIFICATIONS





Finished floor

Coupling membrane

Screed

Oxygen barrier pipe

Staple

Laminated gridded insulation

SPECIFICATION

Base™ TACKER SYSTEM to incorporate 16mm oxygen barrier pipe to be installed to laminated gridded insulation panel using polymer pipe staples. Staples fixed at 300mm apart. Installation in accordance with pipe layout design. Perimeter expansion edging strip to be installed to perimeter to prevent expansion of screed and thermal bridging.

TACKER SYSTEM

SYSTEM

- Base™ TACKER SYSTEM specifically designed for use within a screeded floor construction
- Installs directly to a laminated gridded insulation panel to suit specified thermal performance
- Offers design flexibility to accommodate irregular design layouts
- Gridded spacing allows flexible pipe layout to suit exact design requirements
- Pipe staples ensures secure pipe fixing during screeding process.
- Cost effective system offering excellent overall performance

SYSTEM INSTALL

1. Laminated gridded insulation panel to be installed to subfloor. Panel depth in accordance with required thermal performance and current building regulations (including membranes)
2. Perimeter expansion edging strip to be installed to perimeter with polymer staples ensuring polyethylene skirting is covering sub floor rigid insulation to prevent expansion of screed and thermal bridging
3. Oxygen barrier pipe to be installed directly to rigid sub floor insulation at 300mm spacing fixed with polymer pipe staples
4. 16mm oxygen barrier pipe to be installed directly to laminated gridded insulation panel in continuous lengths from distribution manifold spaced according to underfloor heating design
5. 65-75mm sand and cement screed to be installed to manufacturers specification
6. Pipework to be pressure tested and remain under pressure


ROOM TEMP
20°C
SAT
13:57h
ROOM TEMP
21°C
CLOCK HOLIDAY EDIT HOLD SETUP
17:27
heatmiser
neo
17:28
HOME
edit
AWAY
LOCK
HOLD
STANDBY
21.3°
Kitchen
Heating to 22.0° until 22:00.
Next: 16.0°
22.6°
Utility
Heating to 23.0° until 22:00.
Next: 18.0°
17.6°
Heating
Heating to 18.0° until 22:30.
Next: 16.0°
ON
Heating timer
On until 22:30.
HOME
PROFILES
RECIPES
SETTINGS
GRUNDFOS

MANIFOLDS AND CONTROLS

Base™ Oxygen Barrier Pipe

BaseUFH Oxygen Barrier pipes are high performance multilayer pipes that are both flexible and extremely resilient. Constructed from a superior cross linked polyethylene, our pipes benefit from a much higher resistance to both heat and pressure compared to other forms of oxygen barrier pipes, resulting in much greater strength and durability.

- 100% impermeable oxygen barrier
- Operational temperature up to 90ºC
- Retains shape for ease of installation
- Maintenance free.
- Meets EN ISO 15875-1:2004 EN 1264-4: 2001 standards.

SYSTEM CONTROLS

Our comprehensive range of innovative system controls offer the ultimate in both stylish, discreet design, coupled with intuitive, user friendly operation.

Our hardwired and wireless thermostats offer an extensive range of control options, to include touch-screen, wifi, networked and via mobile app (Apple and Android platforms)

Available on the App Store

ANDROID APP ON Google Play

MANIFOLDS

Our precision engineered Base™ Nickel plated manifold offers complete system control through the utilisation of adjustable flow gauges, mixing valve and 'A' rated pump. The distribution of low temperature warm water is precisely regulated to each individual zone of the underfloor heating system.