



LoPro®10

Award-winning underfloor heating for renovations and refurbishments

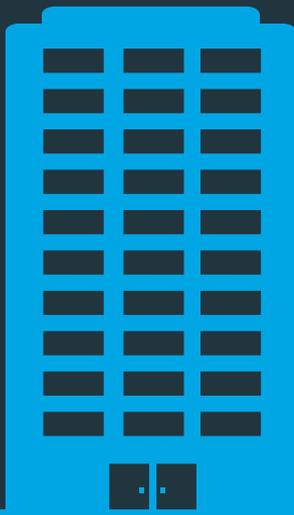
LoPro®10, part of the award-winning LoPro® family, is an underfloor heating (UFH) system with a height build-up of just 15mm that can be fitted on top of the existing floor deck. It is perfect for renovation and new-build projects, flats and loft conversions.

Properties undergoing refurbishment or renovation can now enjoy the benefits of UFH without the disruption of lifting existing floors. With the addition of Nu-Heat's wireless neoStat, even the decoration of the house need not be affected.



Designed for:

- ✓ Renovations
- ✓ Refurbishments
- ✓ New-build
- ✓ Flats
- ✓ Apartments



UNDERFLOOR
HEATING



HEAT
PUMPS

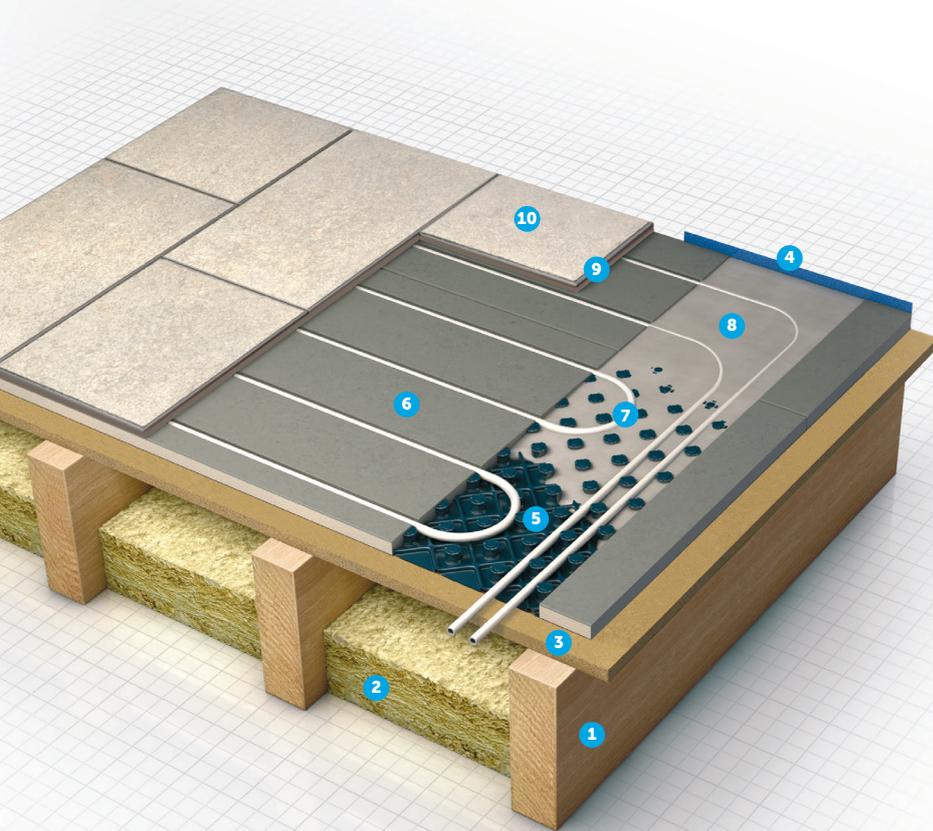


SOLAR
THERMAL

LoPro[®]10

Ideal for renovations, refurbishments, new-builds, flats & apartments

As the UK's leading supplier of retrofit UFH solutions, our award-winning **LoPro[®]10** can be installed over any existing floor and on any floor level and has a height build-up of just 15mm, the same as a 5p coin.



RETROFIT FLOOR CONSTRUCTION

- | | |
|------------------------|---|
| 1 Joists or screed | 6 LoPro [®] panel |
| 2 Insulation | 7 Fastflo [®] tube |
| 3 Existing floor deck | 8 LoPro [®] QuickSet self-levelling compound |
| 4 Edge isolation strip | 9 De-coupling layer for tiled floors |
| 5 Castellated panel | 10 Tiled flooring |

Features

- ✓ 15mm depth before floor coverings are fitted
- ✓ Rapid heat up in comparison to traditional screed UFH – one third, or less, of the thermal mass
- ✓ High thermal output due to low thermal resistance on top
- ✓ 10mm ultra flexible pipework is easily laid in the grooved panels in lengths of up to 60m
- ✓ Provides airborne acoustic reduction on timber upper floors by adding mass –18.7kg/m²
- ✓ LoPro[®]10 castellated panel enables 10mm tube to be closely laid up to 10 abreast, enabling easy run back to the manifold

Benefits

- ✓ Ideal for use in retrofit and new-build projects
- ✓ Can be used on ground and upper floors of the building
- ✓ Dense rigid thermal gypsum board suitable for tiling with just a thin de-coupling layer
- ✓ Carpet and underlay can be fitted directly on top
- ✓ Engineered floors can be 'floated' directly over the panel – quickly and easily without battening
- ✓ A robust product that feels solid underfoot and is not prone to onsite damage
- ✓ High thermal output makes LoPro[®]10 an ideal partner for gas and oil condensing boilers
- ✓ Installation and drying times are greatly reduced compared with screed systems

Installation

LoPro®10 can be installed without needing to remove the existing floor deck. With a height of just 15mm, it is perfect for retrofitting into properties able to accommodate this build-up with minimal adjustment to fittings.

Installation is straightforward, as the 10mm ultra-flexible pipework is easily laid in the grooved panels in lengths of up to 60m. Nu-Heat's LoPro®10 castellated panel assists a simple run back to the manifold with pipework laid closely – up to ten pipes side by side.

Floor coverings

Carpet and underlay can all be laid directly over LoPro®10 and engineered timber floors can be 'floated' directly over the panel without battening. Tiles can be laid directly on to the dense rigid gypsum board with just a thin de-coupling layer and no requirement for an intermediate ply deck, making it quick to install.

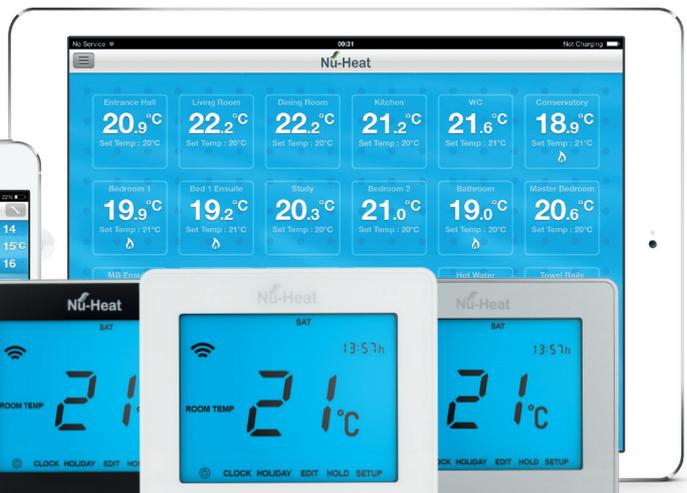
Control on the go

The neo system from Nu-Heat gives you the flexibility to monitor and control your heating directly from your smartphone or tablet, anywhere in the world. You can even integrate your underfloor heating into your home automation system using Apple HomeKit or Amazon Alexa.

The slim-line, touchscreen neoStats integrate seamlessly with the neo system or can be used as a stand-alone, high quality, programmable thermostat option. In most situations, existing wired thermostats can be easily upgraded to neoStats without the need for any additional wiring.

For more information on neo from Nu-Heat see www.nu-heat.co.uk/neo

LoPro®10 can also be controlled with standard programmable thermostats or dial thermostats.



For the full range of thermostat options for LoPro®10 see www.nu-heat.co.uk/thermostats

Underfloor heating performance

High thermal output

LoPro®10 is a pre-routed, gypsum-based board. Its low thermal resistance and high-density characteristics provide a high thermal output compared to similar low height plywood and chipboard based systems. LoPro®10 also has one-third less thermal mass than a screed floor, allowing it to heat up and cool down rapidly – making it economical to run in retrofit properties.

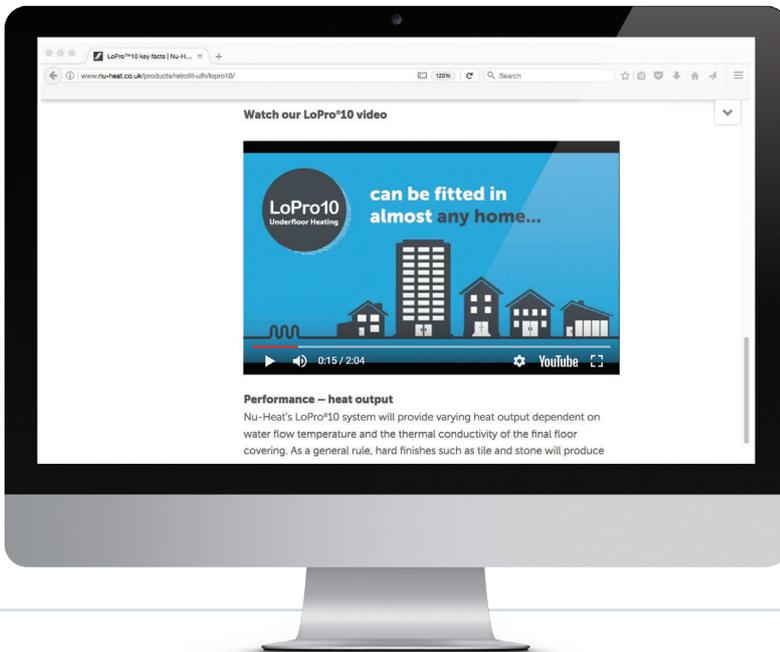
Acoustic reduction

To improve acoustic performance, this new floor construction provides airborne acoustic reduction on timber upper floors by adding mass and feels more solid underfoot than many lightweight floating floors.

Heat sources

LoPro®10's low flow temperatures make it ideal for use with gas, oil and LPG condensing boilers in refurbishment projects. In certain properties, it can also be integrated with a heat pump.

Find out more



To find out more about LoPro®10 watch the video at www.nu-heat.co.uk/lopro10 or to discuss your project contact Nu-Heat on **01404 540650**



- Online www.nu-heat.co.uk
- Follow us @nuheatuk
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