

## SPECIFICATION GUIDELINE ELECTRICAL UNDERFLOOR HEATING CONSTANT WATTAGE CABLE



- An electrical underfloor heating system shall be installed to provide a comfortable (18-27°C) floor temperature.
- The underfloor heating cables shall be the 20 W/m, two wire constant wattage cable type (to ensure negligible electro-magnetic fields), with Teflon inner jacket, electrical braid, LSOH type 1 outer jacket and overall thickness of 5.5 mm, as manufactured by nVent and known as nVent RAYCHEM T2Blue-20.
- The manufacturer shall provide a 12 year Total Care Warranty, for systems installed, tested, commissioned and registered, strictly according to their requirements, by a qualified electrician and this shall be extendable to 20 years if performed by Certified Pro installers.
- All underfloor heating circuits shall be protected by an MCB (to BS EN 60898, type C/D) and RCD (30 mA sensitivity, tripping within 100 ms)
- All underfloor heating circuits shall be controlled and monitored by programmable digital floor temperature sensing thermostats, named RAYCHEM NRG-Temp, with integrated timer, economy setback and boost functions.
- All connections between the electrical supply, control panel, thermostat (s) and underfloor heating circuits shall be installed by an approved electrical contractor.

**United Kingdom**

Tel 0800 969 013  
Fax 0800 968 624  
salesthermalUK@nvent.com

**Ireland**

Tel 1800 654 241  
Fax 1800 654 240  
salesIE@nvent.com

**South East Asia**

Tel +65 67685800  
Fax +65 67322263

**Australia**

Tel +61 2 97920250  
Fax +61 2 97745931

**India - Noida**

Tel +91 120 464 9500  
Fax +91 120 464 9548  
NTMinfome@nvent.com

**India - Mumbai**

Tel +91 22 6775 8800/01  
Fax +91 22 2556 1491  
NTMinfome@nvent.com

**UAE**

Tel +971 4 378 1700  
Fax +971 4 378 1777  
NTMinfome@nvent.com