

ABOUT SPEEDHEAT

SPEEDHEAT BACKGROUND

Speedheat floor heating products have been manufactured in South Africa since 1985 and exported worldwide since 1996. Speedheat offers floor heating with more efficient energy use than traditional forms of heating. Internationally, Speedheat is represented in the United Kingdom, USA, Europe, South Africa, Hong Kong and Australia. Visit www.speedheat.com.au

Speedheat floor surface heating was established in Australia in January 1997. Speedheat is a supply and install organisation and has franchises and agents installing in metropolitan NSW, VIC, WA, and QLD. In addition, DIY and Trade tile heating kits are sold under the Coldbuster brand. The Coldbuster range is available in mainland Australia, Tasmania and New Zealand. Refer to the retail products in section 9 of this manual. Visit www.coldbuster.com.au

GENERATION 4 RADIANT FLOOR HEATING

Control is per room, on time, every time but not all the time. Both the quick response and low design parameters of Speedheat increase efficiency, enabling one to boost the heating at an economical cost and reduce waste because unoccupied rooms can be switched off. For electric floor heating, BASIX assumes an efficiency of 95% ie only 5% of the heat generated by this form of heating is lost through the floor. The rest goes directly to heating the room, unlike systems where energy is lost through the chimney, conversion of energy to heat or ducting. Given that the nominal temperature comfort levels of floor heating are about 4°C lower than central or ducted heating and that the efficiency rate is substantially higher, Generation4 on-demand electric floor heating ensures minimal loss of energy. Generation4 components and smart control systems minimise energy waste through the “comfort from the ground up” principle.

ENVIRONMENTALLY FRIENDLY

Speedheat floor heating systems do not emit smoke, fumes, dust, volatile organic compounds (V.O.C.'s) or electromagnetic radiation (E.M.R.). The quick response time and low power requirements of Speedheat floor heating systems promote the economic use of electricity as a power source, contributing greatly to the benefits of sustainable design and efficient energy use. Minimising the use of electricity in turn, has environmental benefits by minimising greenhouse gases.

SAFETY

Tested in compliance with IEC 60335-1:2001, EN 50082-1:1992; as well as listed UL E237856 by the Underwriters Laboratory. The heating elements must be connected to an earthed power supply and connected through a Residual Current Detector (Safety switch).

QUALITY

The products are manufactured by Klimax Mfg Ltd under DIN EN ISO 9001:2000 standards. DQS certificate no. 261368QM



GENERATION4™
FLOOR HEATING

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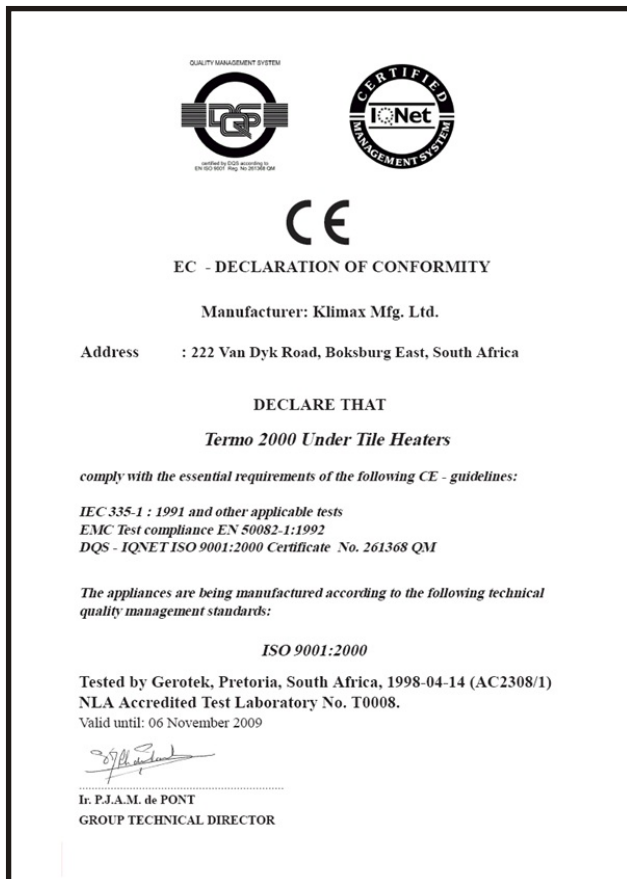
About Speedheat



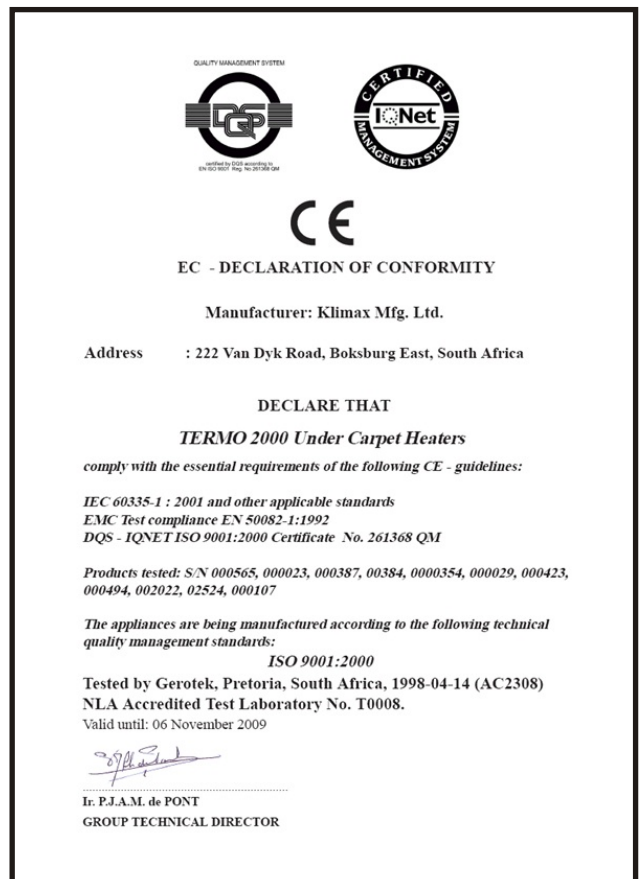
Klimax DQS Certification



Klimax IQNet Certification



EC-Declaration of Conformity Tile Heaters



EC-Declaration of Conformity Carpet Heaters