

Unique Floor Heating Cable

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Cable Mat is suited for use under tile and timber laminate floors throughout homes and offices. The very thin floor heating cable makes it particularly suitable for renovation projects where floor heights are critical and cannot be raised with costly screed toppings.

The modern, safe and clean floor heating cable offers the very best in design, starting with a resistive conductor insulated with fluoropolymers.

Fluoropolymers are probably best known for their use as a coating in non-stick cookware (also referred to as Teflon). This high-performance material with unique strength and durability has dozens of other major applications that are essential to modern life, including critical uses in aviation, electronics, telecommunications, automobiles and trucks, pollution control and security. Fluoropolymers are relied upon because of their unique properties, including significant chemical and heat resistance and a great ability to withstand corrosion, even in the most challenging environments, making it the perfect primary insulating material for the floor heating cable's conductor.

The fluoropolymer insulated heating conductor also features a full surround copper shield. The copper shield primarily serves as an earth conductor to reduce fire and shock hazards when connected to a working residual current device, as well as an effective EMR, EMI and RFI shield.

PVC with plasticizers added, is used as the final insulating material. It's intrinsic properties and superior strength as compared with a fluoropolymer insulated floor heating cable makes it a more tough and robust material - particularly on a floor of a building project. It is biologically and chemically resistant, and the tough yet flexible material offers superior protection of the high-performance fluoropolymer insulated heating conductor with full earth screen.

Cable Mat is supplied as a complete product with factory terminated cold tails. Comprising a flexible robust fibreglass mat, the "2.2mm thin and tough floor heating cable" is uniformly fixed to it. It's ease of installation makes it an ideal DIY or first time trade install product. Regardless of room size, shape or furniture layout, an extensive product range guarantees there is a floor heating system to suit any layout - guaranteed.

[More information on Cable Mat floor heating](#)