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PRODUCT DATA SHEET

Product Name: STEP Warmfloor

Product Description: Low-voltage, AC/DC, Self-regulating, PTC Flat Heater

Composition: Conductive Polyethylene Copolymer Compound

- LDPE (Low Density Polyethylene)
- Thermoplastic Polymer
- Biodegradable
- Non Hazardous

Tinned Copper Flat Braid

- Non-ferrous

Safety: Fire Rated – NFPA 1
Connected to SELV (Safety Extra Low-voltage) Transformers

Recyclable:

The heating elements are made of 20% recyclable material.
There is 0% waste during the manufacturing process, since all scrap material is grinded and reused.

Energy Efficiency:

The heating elements are self-regulating, which means that when the surface temperature increases, the electrical resistance increases and the consumption of electricity decreases. The flat elements act as a sensor and give even heat distribution on a large surface permitting to maintain comfort at a lower temperature.
The STEP Warmfloor heating system is scientifically proven to be approximately 2.5 times more efficient than constant wattage electric cables.
Since the heating elements can also run on DC, they can be connected directly to solar panels or wind turbines.

Other Information:

STEP Warmfloor is made in Saint Louis, Missouri for convenient distribution all over the United States.

Date: 2-12-2010