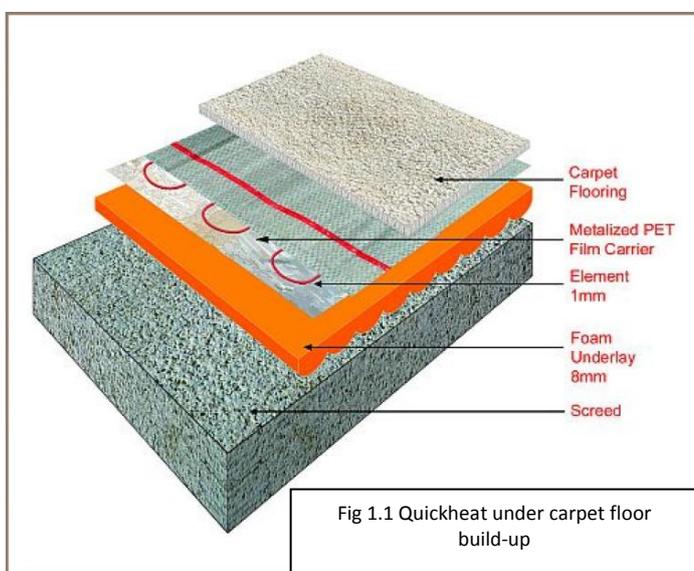


## Quickheat Carpet Heating

Quickheat laminated panel heaters are suitable for installation under fitted carpets or loose lay rugs. The heaters can be installed under new carpet installations or retro fitted under existing carpets. Avoid thick Persian rugs. A clear vinyl chairmat or carpet protector with short studs must be used under office chairs with wheel castors, to protect the carpet and the laminated panel heater. Avoid areas where trolleys are pushed or objects are dragged.

Quickheat carpet heaters are sandwiched between a high quality metalized PET film carrier and a woven PP layer. The bottom layer is specially designed for even heat distribution and downward heat flow reduction. The top layer is specially designed to promote radiation, resulting in your carpets being heated evenly and effectively without overheating or hot spots.

The preferred carpet underlay is the black rubber type with brown Kraft paper backing. Recycled underfelt is also suitable, but is very difficult to cut. The foam and foam chip type of underlays are not recommended because they are too flexible and may cause movement in the laminated panel heaters. Do not staple the underlay to the floor as staples under the elements may chafe and damage the heaters. Tape the joins with masking tape, if required.



Quickheat laminated panel heaters are fitted between the underlay and the carpet. To ensure the effectiveness of the installed heater panels, do not place additional scatter rugs on top of the fitted carpets. The heater installation process is as follows:

- 1. Analyse the room layout to determine the heater position/s.** Keep heaters at least 100mm away from walls to avoid damage by carpet kickers/stretchers. 40 - 70% heater coverage of the total floor area will provide sufficient wattage to act as a total heating system, not just a floor warmer.
- 2. Feel for and remove foreign objects** such as needles, nails, staples, stones, etc., in the underlay. Vacuum the floor to remove foreign objects before installing heaters.
- 3. Stretch the heater** flat to remove folds or creases which may cause local overheating and damage to the heater and the carpet.
- 4. Fix the heater** to the floor with concrete nails. If the floor is too hard to use nails, tape the heater corners to the floor surface with duct tape. Also tape larger heaters to the floor at approx 1m centres on the sides.
- 5. Position the connector block** corner of the heater as close to the thermostat position as possible.
- 6. Inform the carpet layer** not to cut carpets over the heaters or to drop hammers or tools on the heaters or to crease/fold the heaters during the carpet installation. If possible, he should avoid joining carpet panels directly over the heaters. If joins are unavoidable, the carpet layer must slip a protective piece of Masonite/cardboard between the heater and carpet, moving it along the seam whilst ironing the join. Do not use the carpet kicker or stretcher directly over the heater. If unavoidable, adjust the spikes to the minimum position on these tools.
- 7. Connect the heater to the electrical supply** in accordance with the diagram and instructions supplied with the thermostat. The heating circuit must be RCD protected. Take particular note that placing insulating objects such as bean bags, sleeping bags and pillows will trap the heat and cause local overheating which may discolour or burn the carpet. Do not place solid stone table bases or furniture without legs on top of the heated floor.
- 8. Do not penetrate the floor with sharp objects** i.e. Nails, staples or screws. Pick up loose needles, pins and staples. Do not allow young children to sleep on the heated floors. Finally, pass the safety precautions and operating instructions for thermostats on to new owners and tenants of the dwelling.

**IMPORTANT: ALL FIXED WIRING INSTALLATIONS MUST BE CONNECTED BY AN ELECTRICIAN!**

## Step by step installation

**Underfelt or foam underlay is laid by carpet installers.**



**Carpet heater is unrolled on top of the underlay.**



**Carpet heater is secured down with tape.**



**Carpet installation is completed.**

