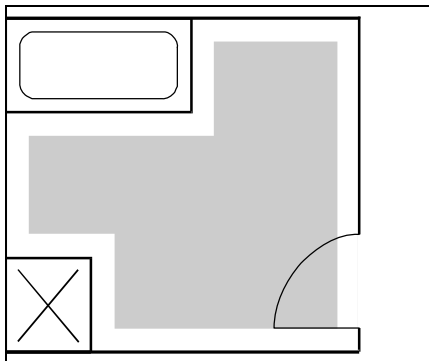


## Calculate the actual spacing of the heating element

1. Work out the actual sqm to be heated (see grey shaded area) i.e. 3.53sqm.



2. Divide this figure by the length of the wire to be used per the sizing guide -  $3.53\text{m}^2 \div 41.5\text{m} = 0.085$ .
3. Multiply this figure by 1000.  $0.085 \times 1000 = 85\text{mm}$  apart is your wire spacing.

### Summary:

$$\frac{3.53\text{m}^2}{41.5\text{m of wire}}$$

$$= 0.085 \times 1000 = 85\text{mm apart}$$

### Helpful Hints

- The element is a continuous wire that must not be shortened or lengthened. Even spacing of the wire will ensure an even temperature of your tiles.
- The adhesive spray ensures that the adhesive tape holds in place. Allow 10 minutes for curing before attempting to adhere tape.
- All the elements are marked with a halfway marker for an indication of how your installation is progressing.
- For a successful long installation life, your floor should be clean, dry and stable (wooden floors) or fully cured (concrete floors).
- The table below gives the maximum and minimum wire spacing between the runs of the heating element.

| Type of flooring   | No less than(mm) | No greater than(mm) |
|--|------------------|---------------------|
| Timber   | 50mm             | 100mm               |
| Concrete   | 50mm             | 75mm                |
| If using Marmox insulation board with timber or concrete | 50mm             | 100mm               |