

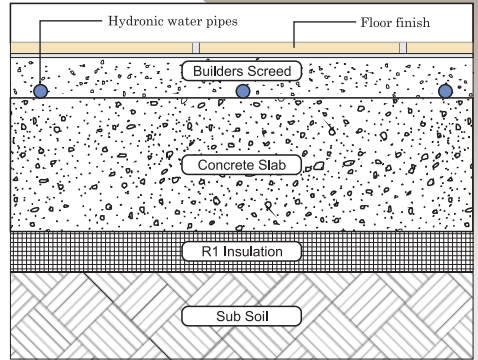
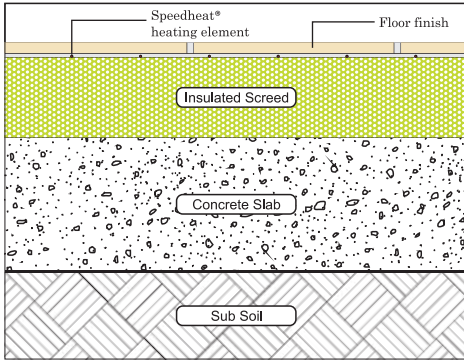
# Comparison between Speedheat and Hydronic floor heating



## Speedheat® floor heating.

vs

## Hydronic floor heating



## Comparison

- Installed directly on top of insulated screed under floor finish
- Warms up floor directly
- Warm up time to reach comfort temperature - 30 - 45 minutes (depending on floor finish)
- Individual room control - only warms up rooms that are being used.
- Quick response on demand system - responds quickly to climatic changes, due to minimal thermal mass. Thermal comfort easily achieved.
- Temperature control with thermostats
- Minimal heat loss - low wastage.
- No maintenance
- Even radiant heating

vs.

- Installed within builders screed.
- Warms up builders screed & concrete slab
- Warm up time to reach comfort temperature - 24 hours
- Zone control - warms up unused rooms within the zone.
- Cannot respond quickly to climatic change due to large thermal mass. Cooling down time can take up to 24 hours when it is not needed.
- Temperature control with thermostats not possible.
- Heat loss into concrete slab - high wastage
- Regular maintenance for water pump, etc.
- Uneven heat as heated water is carried from source to destination losing heat.

## Information supplied by



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