

10 March 2017

### Laying Thermathene

Thermathene Orange 300 $\mu$  is a widely used product with excellent performance and ease of installing, as a DPM under slabs and ground beams etc. Installation is generally well understood by most tradesmen the following is offered to assist with the laying both Thermathene Black 250 and Thermathene Orange 300.

Aside from the normal care and workmanship no special conditions apply.

Below are some general points to assist with the laying.

- The Thermathene should be laid in a neat fashion with a smooth surface, with as many of the ripples as possible eliminated.
- Penetrations should be kept to a minimum avoid the use of staples or other penetrating fasteners.
- Should damage occur and a patch be required, the damaged area should be covered with new Thermathene providing a clear 150mm lap from the damaged area. Minor punctures can be repaired with White GP tape.
- All laps should be at least 150mm laid flat and wrinkle free.
- Laps should be taped as a seal using Thermakraft White GP tape
- To help prevent sheets slipping while laying especially in pressure areas such as laps at or near the ground beams, an application of a quality solvent based spray adhesive will ensure the sheets hold together (they can be peeled apart without damage if required to adjust)
- Where the Thermathene is terminated at or marginally below the finished ground level two methods to seal the top of the sheet are suggested
  - To fix mechanically with a bead such as aluminium and Nylon Anchors
  - Aluband is suitable to seal the top especially if the masonry is coated with a product such as Mulseal, if not a solvent based spray adhesive will act as a suitable primer.

Should we be able to offer any further assistance do not hesitate to contact

p 0800 806 595

e [info@thermakraft.co.nz](mailto:info@thermakraft.co.nz)

**Thermakraft Industries Ltd**

11 Turin Place, East Tamaki, Auckland, New Zealand  
P.O.Box 58-112, Botany, Auckland 2163

**Application Sealing top of Thermathene below finished surface.**

Drainage and service Duct cut into slab

Backfill and service covered with Black 250 thermathene

Joints sealed with Thermakraft White GP Tape

Top of Thermathene sealed to concrete with 75mm Aluband,

Concrete primed with spray adhesive



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