

A vapour barrier can protect green concrete to ensure optimal lifespan.

Engineers often call for the substructure concrete to have a vapour barrier to protect the curing and performance of the concrete. Geo-tech reports often reveal contamination, moisture or acids present in the soil. Acidic soils can attack reinforcement steel and eventually cause concrete cancer. To ensure the integrity of your concrete, these issues must be addressed before concrete is poured. The answer is Dansea's innovative Vapour Form™.



PROTECT VULNERABLE GREEN CONCRETE

- ◆ No more heavy, slow formwork
- ◆ So light, anyone can install it
- ◆ No form oil
- ◆ No early stripping
- ◆ Avoid exposure to rapid hydration
- ◆ Avoid exposure to acidic soils
- ◆ One easy system that saves time, money and labour costs
- ◆ Lets Mother Earth create the perfect curing blanket
- ◆ Leaves concrete undisturbed
- ◆ Provides protection to concrete
- ◆ Keeps unwanted moisture away
- ◆ Avoids costs of early stripping mixtures
- ◆ Maintains ideal levels of hydration
- ◆ Perfect start for long concrete life

Installation of VapourForm™ Green Concrete protection system.

Specifications:

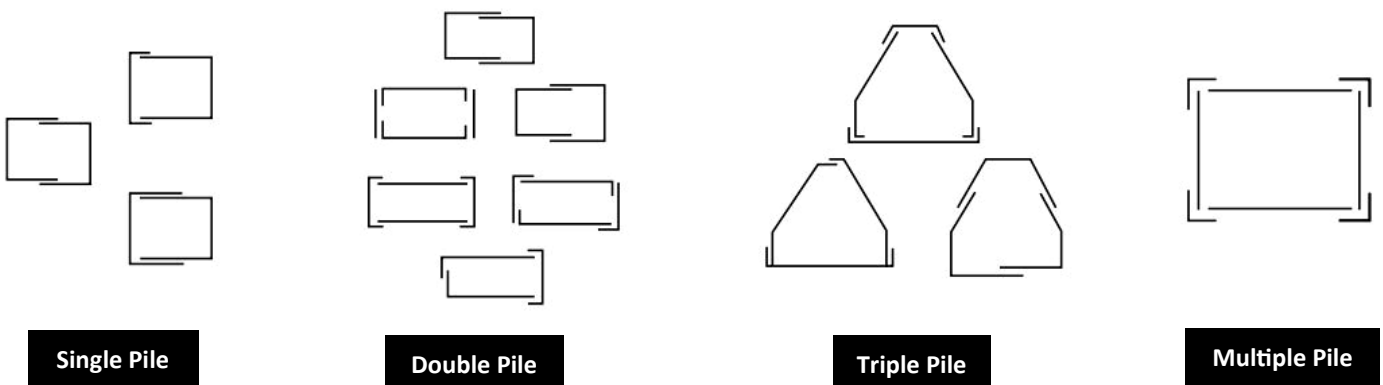
- ⇒ Green virgin Polyethylene .125um.
- ⇒ White virgin Polyethylene .160um
- ⇒ Wire support 4&5mm wire.
- ⇒ Temperature capacity Celsius 80deg
- ⇒ UV exposed out of ground 5+ years
- ⇒ In ground 20+ years

Once the steel cage is in place and the steel fixers are out of the way, installation is so simple.

1. Concrete or plastic spacers (@ 400x400mm) need to be installed before VapourForm™ is applied.
2. Vertically is the best means of placing VapourForm™. White section inside or outside.
3. Starting from left to right from one corner.(each piece has a 100mm recess)
4. If necessary, cut or fold bottom to horizontal at the top levels.
5. Continuing to corners with each sheet. Fold section when required to continue.
6. If cutting at corner, use a 150x150mm L section to over-lap on each side.
7. Using a suitable tape from top to bottom each over-lap.
8. Backfill 360 1/3rd of depth until finished with dry loose suitable soil(no rocks stones or timber)

Dansea Vapour Form™ can be fabricated to your length and fold specifications.

Typical layouts for different pile cap configurations



Dansea can tailor VapourForm™ sheet sizes and folds to your particular project requirements.

www.dansea.com.au

Australian Distributor:

Wrightstone Trading

+61 7 3823 4405

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MONEY-SAVING BENEFITS

*With the cost of labour and extended time required in the ground, **Pecaform VapourForm™** saves you time and money.*

Projects are not affected by wet weather, shortage of skilled labour or delayed delivery of timber, or problems with cluttered worksites.

- ◆ Dramatically reduces transport and manpower costs
- ◆ Simple install and instant protection without the need for skilled labour
- ◆ No creases
- ◆ Tough virgin plastic supported by our 6mm & 4mm wire
- ◆ Use as a base for caps, beams and footings.
- ◆ Tough and durable
- ◆ Can be walked on without damage to the vapour membrane
- ◆ Tested to 1 tonne.
- ◆ Light and clean
- ◆ Environmentally-friendly



INSTALLATION OF VAPOURFORM™

- ◆ Working from left to right each sheet fully covers and overlaps the other.
- ◆ Sheets can be folded to eliminate excessive joins and keep full continuity at corner joins.
- ◆ No skilled labour needed for installation.
- ◆ Basic common sense will be enough to complete the job and much faster
- ◆ Tested to 1 tonne + to guarantee easy installation



Talk to your distributor and find out how Dansea can tailor sheet sizes to your particular project requirements.

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