



ACE
WATERPROOFING
PROPRIETARY LIMITED
"Proudly South Australian"

platon

KEEP IT DRY.

Installation Guide



Continue installation

After the Platon is "tacked up"

- Secure with Speedclips 30cm OC (20cm between clips). Speedclips mesh the top 2 rows of dimples and the offset presses the smooth tab to the wall.



Heavy Clay Soil

(Roll heights greater than 2.10m)

- Install a second row of Speedclips 60cm OC half way up the wall.
- Backfill carefully in 3 or more lifts

Tip – When installing 30m Platon "tack" the roll 1.8m up from the footer using Speedclips 60cm OC, then use a ladder to reach and finish the top with Speedclips or Speedstrips





- If using Speedclips, use the cut out piece to seal the lower edge (mesh the dimples – secure with Speedclips)

Windows

- Cut Platon membrane flush with the sides and 7.5cm lower than the bottom of the opening
- If using Speedstrips, mesh and fasten a Speedstrip to seal the lower cut opening



Window Wells

- Platon is sandwiched between the window-well and the foundation. Trim exposed Platon inside the window-well along the sides.



Platon Molding

- L shaped strip 2 metre long
 - Used to seal open air-gap areas of Platon where dirt could enter and clog the air gap (EG. Beginning and end points of installation)
- Also used to provide a continuous seal along the top of the membrane when using Speedclips – no caulking required*



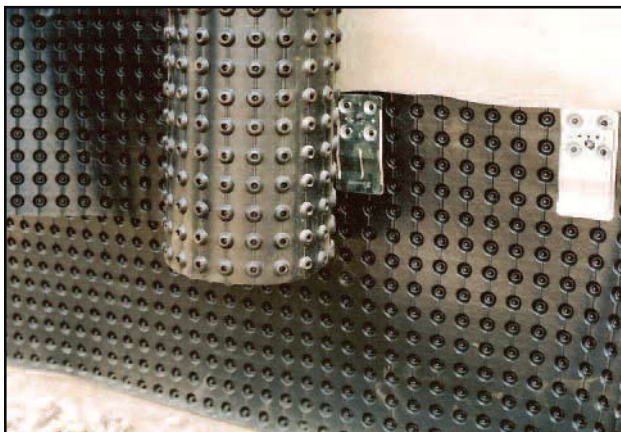
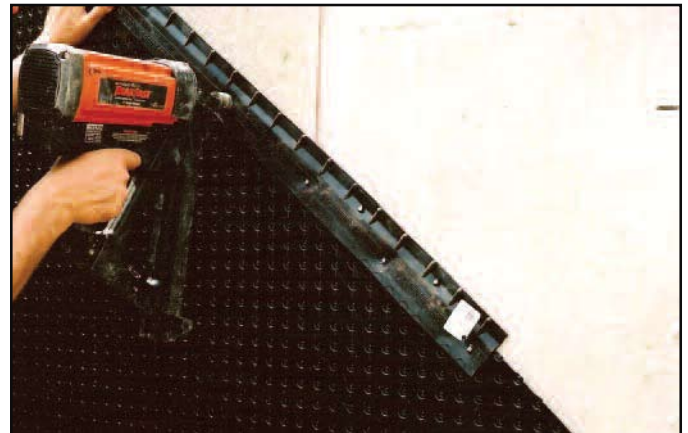
Gradual Change in Grade

- Measure grade change chalk line length, add 50cm for joint overlap and cut that length of Platon membrane.
- Follow the chalk line with the smooth tab and fasten with Speedclips.
- Cut surplus membrane at the wall/footing junction.
- Surplus membrane without a smooth tab can be used if the top gap is sealed with Speedstrips and moulding.



Steep Change in Grade

- Cut membrane to proposed finished grade
- Fasten with Speedclips and use moulding to seal the cut edge



Tall Walls

- Platon is overlapped horizontally when the distance from the footing to finished grade exceeds the roll height.
- Cut a section of Platon into predetermined widths (trim off the smooth tab) and install along the bottom using Speedclips.
- The full height roll (with a smooth tab) is then installed to overlap the strip by at least 15cm.
- Alternatively, the full height roll can be installed first using Speedclips (trim off the smooth tab). Then install the strip - Speedclips and moulding must be used to cover the air gap along the top of the strip.

Jump Walls

E.G. A 1.2m frost wall joins an 2.4m basement foundation

- Extend Platon 60cm along the frost wall as shown
- Cut Platon horizontally, flush with the bottom of the frost wall
- Secure the top section to the frost wall and the lower section to the basement wall
- Repeat the procedure on the other side of the frost wall, overlapping the Platon below the frost wall.
- Cap vertical open gaps on the frost wall with Platon Moulding
- Caulk gap at the frost wall/foundation wall junction



Pipe Projections

(Pipe must be sealed to foundation with hydraulic cement)

- Split Platon membrane vertically from the pipe to either top or bottom.
- Cut Platon snug around the pipe.
- Apply a 60cm wide patch over the split.
- Mesh the dimples – Speedclip the top, tape sides, caulk Platon at pipe.



Tear Repair

- Caulk around the tear.
- Cut a piece of Platon 30cm larger than the tear to be repaired.
- Place over the tear, meshing the dimples, Speedclip top, tape edges.



Flood Boot

A flood boot must be installed prior to installing Platon membrane if:

1. A high water table is encountered.
2. Footing drain is unable to take away water drained by Platon.
3. Footing drain is placed on top of the footing.
4. Floor slab is poured level with, rather than on top of the footing.
5. It's a concrete block foundation (parge or dampproof the 1st course of block to prevent "wicking").

- Apply a "peel and stick" membrane or rubberised asphalt waterproofing to cover the footing and wall to a point 30cm higher than the anticipated water table.

Follow product manufacturers instructions

Insulation

- Best practice - EPS foam is typically installed OVER Platon
- Use vertical insulation panels - stand on the footing
- Platon and the air gap do not detract from the R value of the insulation.

If installing Platon over foam use Speedstrips and concrete nails long enough to penetrate 2.5cm into the concrete

Footing Drainage

- A working footing drain is imperative with all foundation waterproofing systems.
- Follow local building codes in your area.

Backfilling

- Clean stone must be placed over the footing drain and up the wall as per local building code.
- Do not permit machinery, large rocks or frozen clumps to impact the Platon
- Backfill carefully using 2 or 3 lifts of backfill.
- Compacting each lift will reduce excessive settling later.