



armtec Platon

KEEP IT DRY

For detailed installation procedures,
please visit armtec.com or retail.armtec.com
or see product packaging.

1-800-265-7622 or platon@armtec.com

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ENVIRONMENTALLY RESPONSIBLE

Platon is made of high-density polyethylene with approximately 85% recycled content. It is chemically inert, so there are no by-products to contaminate the soil or air. All manufacturing waste is recycled.

30 YEAR FOUNDATION PRODUCT WARRANTY

CCMC 12266R • CCMC 12878R
ICC-ES REPORT ESR-2767

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ARMTEC.COM

armtec Platon

KEEP IT DRY

Moisture barrier
for foundations and
subfloors

Control moisture and drainage

Isolate basement flooring from
the cold, damp concrete



PLATON AS A FOUNDATION WRAP

Platon is a rugged, dimpled high-density polyethylene (HDPE) membrane that keeps foundations dry. Platon creates an impermeable vapour barrier and air gap, allowing concrete to breathe while controlling moisture. It has been used on foundations since the early 1990s, with no product-related leaks.

WHY USE PLATON?

Platon keeps wet soil away from the foundation wall. Any moisture that may find its way past the membrane is carried to the foundation drain by the air gap drainage path. Platon works on block walls, poured concrete walls, permanent wood foundations, insulated concrete forms and existing foundations.

As an added benefit, wall moisture condenses on the back of the Platon and flows to the footing drain. This dries the foundation in a way that no other technology can match. Because Platon does not adhere to the wall, walls can shift, crack and settle over the years without affecting Platon's remarkable performance.

FOUNDATION WRAP ADVANTAGES AT A GLANCE

Double leakage protection

Holds wet soil away from the wall and provides drainage as needed

Bridges foundation cracks

Permanently bridges foundation cracks, and keeps working even if walls shift, crack or settle

Versatile

Works on block walls, poured concrete walls, permanent wood, insulated concrete forms and existing foundations

Fast and easy installation

Patented Speedclip fastens to all types of foundations in any kind of weather

Guaranteed performance

30-year product warranty when used as a foundation wrap



FOUNDATION WRAP INSTALLATION

1. Break off all ties and projections on the wall and clear stone and debris from the footing. Seal tie rod holes with mastic. ICF walls do not need any surface preparation. Parge block walls.
2. Chalk a line at finished grade around the foundation and run a generous bead of caulking 25mm (1") below the line.
3. Working from left to right, unroll the membrane along the foundation, dimples toward the wall, smooth tab at the top, following the chalk line. Keep the smooth tab tight to the wall. Platon must wrap the foundation from a point directly touching the top of the footing up to finished grade or ground level.
4. Fasten with Speedclips 30cm (12") apart along the top of the membrane. The Speedclip dimples mesh with the top two rows of Platon dimples and the offset presses the smooth tab tight to the wall. Nail (or screw on ICFs) through the small center hole between dimples.

Alternatively, fasten with Platon Plugs and nails in the second and third row of dimples, spaced 20cm to 30cm (8" to 12") apart. Secure the smooth tab with Platon Moulding strips along the top.

5. Moulding seals open air gap areas of Platon where dirt could enter and clog the air gap. Typically, these areas are the beginning and end points of installation. No caulking required when used with Speedclips because the Platon Moulding provides a continuous seal along the top of the membrane.

NOTE: Clay soil requires additional Plugs in the fifth row of dimples. (not required with Speedclips)

SUBFLOOR ADVANTAGES AT A GLANCE

Dampness protection

Lifelong protection against dampness rising through concrete floor

Healthy, dry air

Prevents musty odours, mould and mildew from entering living area

Comfortable

Provides a thermal break so basement feels like it's above grade

Fast and easy installation

No special training or equipment required

Versatile

Platon works with just about any floor covering—carpet, laminate, hardwood, vinyl and has a 6,000 lbs/sq ft load bearing capacity. You can even use it in conjunction with floor heating systems.



SUBFLOOR INSTALLATION

In homes, laminate flooring and its underpad can be placed directly over Platon as a floating floor. For other floor finishes, plywood or OSB sheets (11mm or 7/16" minimum thickness) are laid as a subfloor over the Platon and fastened to the concrete floor with concrete screws or masonry nails.

1. Remove existing floor covering. Ensure the concrete is clear of debris. Level low areas with floor leveling compound if required.
2. Roll out the first strip of Platon, dimples facing down, flat tab away from the wall, and cut to length. Cut off the flat tab on the first roll only. Reverse-roll the Platon if it curls excessively.
3. Unroll the next section with the flat tab overlapping the first section and cut to length. Apply butyl rubber caulk or foam panel adhesive between the flat tab and adjacent section or use "house-wrap" tape to seal the overlap. At end of roll joints, mesh four rows of dimples, caulk and tape.
4. For floor finishes other than laminate, cover the Platon with plywood or OSB sheets (minimum 11mm or 7/16"). Fasten through the subfloor and Platon 25mm (1") into the concrete where there is vertical movement. The 122cm (4') joints between adjacent 122cm x 244cm (4' x 8') sheets should be staggered. Leave 6mm (1/4") clearance around the perimeter of the subfloor to allow for expansion. Non-load-bearing walls may now be framed on the subfloor.



INSTALLING PLATON? CHECK OUT OUR VIDEO TO HELP YOU OUT! WWW.YOUTUBE.COM/ARMTECLTD