

NORTH AMERICAN PIPE CORPORATION

**platon**<sup>®</sup>

**KEEP IT DRY.**

**Air Gap Waterproofing Membrane**

**MOISTURE IS THE ENEMY OF BASEMENTS**

**Fight back with Platon<sup>®</sup>**



**North American  
Pipe Corporation<sup>®</sup>**

FOUNDATION BUILDING PRODUCTS

# MOISTURE IS THE ENEMY OF BASEMENTS.

WHETHER IT SEEPS IN THROUGH THE WALLS OR PERCOLATES UP THROUGH THE FLOOR, WATER CAN TURN AN OTHERWISE USEFUL SPACE INTO A DAMP, UNCOMFORTABLE HAVEN FOR MOLD AND MILDEW.

WHAT'S THE BEST WAY TO PREVENT THESE PROBLEMS? PLATON® — A PLASTIC WATERPROOFING MEMBRANE THAT CONTROLS BOTH INTERIOR AND EXTERIOR MOISTURE.

MADE OF TOUGH, DURABLE 24-MIL HDPE (HIGH DENSITY POLYETHYLENE), PLATON FEATURES A UNIQUE DOUBLE-DIMPLED DESIGN THAT CREATES AN AIR GAP BETWEEN THE MEMBRANE AND THE WALL OR FLOOR. THE DIMPLES KEEP WET SOIL AWAY FROM FOUNDATION WALLS AND LIFT SUB-FLOORS OFF DAMP, COLD CONCRETE BASEMENT SLABS.

## SUB-FLOOR

A warm, comfortable basement starts with a dry floor. Because concrete floors contain some degree of moisture, it's vitally important to position a high-performance barrier material between the concrete and the floor covering.

That's where Platon fits in. Its thick, double-dimple construction isolates the finished floor from the cold concrete, creating an impermeable vapor barrier and air gap that allow the concrete to breathe, while keeping the floor dry and warm. Surface condensation and musty odors are minimized, and homeowners enjoy the benefits of additional living space.

Platon accommodates a wide variety of floor covering materials — including carpet, vinyl, laminate and hardwood — and can also be installed over floors with radiant heat.



The finished floor is isolated from the cold concrete and becomes room temperature, not slab temperature.

The air gap created by Platon's dimples allows concrete to breathe while keeping the floor dry.

A variety of floor coverings can be installed over Platon.

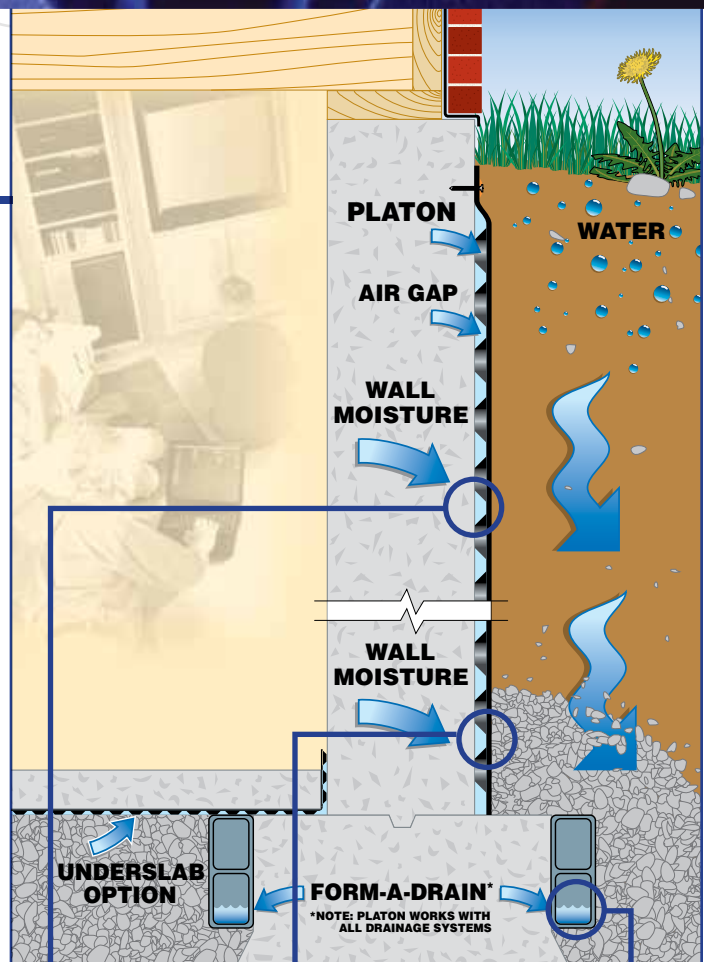
## FOUNDATION

Block walls, poured concrete walls, insulated concrete forms — no matter what construction technique is used to build a foundation, some type of waterproofing is necessary to prevent moisture problems.

Platon — the most advanced foundation protector on the market — works with all foundation types. Unlike spray-on products, Platon is a durable, environmentally responsible HDPE membrane with a dimpled design that physically prevents wet soil from coming in contact with foundation walls by utilizing an air gap that allows air to flow and moisture to drain.

Platon is a high-performance stand-alone waterproofing system, eliminating the need for additional waterproofing treatments. It is easily installed with Platon Speedclips or Speedstrips and will continue to keep the basement dry even if the concrete cracks or settling occurs.

Platon is also ideal for underslab applications, where it outperforms builder's poly.



Air gap directs moisture evaporating from concrete walls out of your basement and into the drainage system.

Platon serves as a waterproof barrier between wet soil and foundation walls.

Platon facilitates drainage of excess moisture into North American Pipe Corporation's Form-A-Drain® system or conventional drain tile.

# PLATON OUTPERFORMS ALTERNATE WATERPROOFING SYSTEMS

- Installs easily in all weather conditions — dry walls are not required
- More economical
- Bridges cracks up to 1/4"
- Unique double-dimple design provides higher crush strength and minimizes soil movement “drag” on the membrane
- Fast and secure assembly with Speedclip or Speedstrip fasteners
- Air gap allows water evaporating from concrete as it cures to go to the outside and the footing drain. Spray-on and peel & stick methods can drive hundreds of gallons of water from concrete as it’s curing to the inside of your basement where you don’t want it – this curing/evaporation process can last up to 3 years.
- Approvals: NES Report #NER 514 — Waterproofing (IRC)

## PLATON SPECIFICATIONS

- Working temperature: -58°F to +176°F (-50°C to + 80°C)
- Softening temperature: 257°F (125°C)
- Thermal resistance: R-0.68
- Water Vapor Permeance = 0.05 perms (per ASTM E96)
- Air volume, dimpled side: 1 gal/yd<sup>2</sup> (4.0 litre/m<sup>2</sup>)
- UV stabilization: minimum 2% carbon black content
- Toxicity: none — Platon is chemically inert and 100% environmentally friendly



## A WIDE CHOICE OF PRODUCTS FOR ALL FOUNDATION AND FLOORING APPLICATIONS

Part Number	Description	Approx. Ft <sup>2</sup> /Roll	Approx. Roll Weight Lbs
XSM1130	Platon Roll, 44-1/2" x 49'	185	26.5
XSM2070	Platon Roll, 6'9.5" x 65'6"	445	58.9
XSM2210	Platon Roll, 7'3" x 65'6"	476	62.8
XSM2440	Platon Roll, 8' x 65'6" Single Tab	525	69.4
XSM2442	Platon Roll, 8' x 65'6" Double Tab	525	69.4
XSM3050	Platon Roll, 10' x 65'6"	650	87.1

## ACCESSORY ITEMS

Part Number	Description	Pack Description	Pieces/Pack	Approx. Weight/Pack Lbs
XSP2500	Platon Plug	Bag	250	0.13
XSC3250	Platon Speedclip	Box	325	30.0
XSC0065	Platon Speedclip	Box	260	25.0
XSS0016	Platon Speedstrip	Bundle	16	13.0
XSL0000	Platon Molding	Bundle	10	5.0

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1.855.624.7473 | NorthAmericanPipe.com

North American Pipe Corporation  
2801 Post Oak Blvd., Suite 600, Houston, TX 77056

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