



The cost effective drainage solution for your foundation



Wrap-N-Drain installation on a poured concrete foundation.



Completed Wrap-N-Drain installation on a concrete block foundation.

Product Description

Wrap-N-Drain is a multi-use, high density polyethylene plastic sheet membrane that is designed to provide a permanent water and moisture barrier along the surface to which it is installed.

This permanent barrier prevents backfill soil from resting against the foundation wall, channeling the water down through the soil to the footing drainage system.

The dimpled surface of Wrap-N-Drain is installed facing the surface creating a permanent 6 mm (1/4") drain air-gap barrier which protects the basement interior from outside soil moisture and allows moisture originating from inside the basement to escape to the air gap where it condenses and drains away to the footing drainage system.

Benefits

- Forms a watertight yet flexible barrier between the ground and basement wall.
- Wrap-N-Drain creates a permanent air-gap barrier around the foundation wall, controlling dampness, mold and musty odours in basements.
- Bridges shrinkage cracks and ignores damage points in foundation walls.
- Easily installed on poured concrete, concrete block, insulated concrete forms (ICF) and preserved wood foundations.
- Wrap-N-Drain keeps moisture from touching the wall and condenses and drains construction moisture to the footing drains.

Applications

Wrap-N-Drain is used to provide drainage in the following applications

- Residential basements
- Commercial foundations
- Retaining walls
- Foundation slabs
- Protection board/drainage membrane for waterproofing products

Features

- Fast and easy to install, no special tools required.
- Wrap-N-Drain is 100% environmentally friendly providing a non-toxic, non-polluting membrane that is unaffected by soil acids and bacterial attack.
- No weather restrictions prevent the application of Wrap-N-Drain.
- Outlasts conventional dampproofing materials.
- Wrap-N-Drain's high compressive strength resists soil pressure and backfill loading.
- Provides a first line of defense for waterproofing membranes by reducing water pressure and also the amount of water likely to reach the membrane.

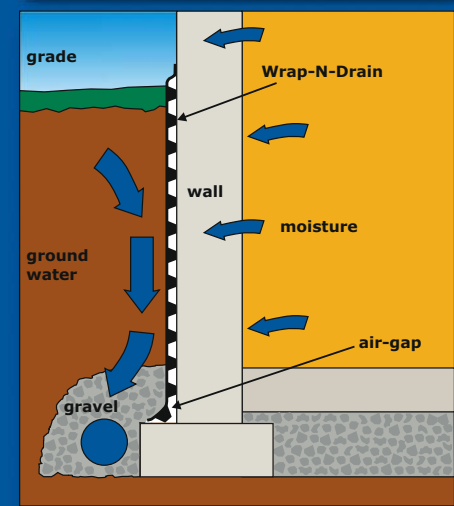
Installation

- Roll out Wrap-N-Drain along or over footing, dimples facing wall, flat tab portion at grade level.
- Fasten flat tab to the wall utilizing Wrap-N-Drain washers and concrete nails every 25-30 cm (10-12") on centre straight across to end of roll or as an alternative, moulding strips can be used to fasten the flat tab.
- Fasten dimpled surface to the wall utilizing Wrap-N-Drain plugs every 25-30 cm (10-12") on centre in W pattern, 30 cm (1 ft.) below flat tab.
- Overlap rolls by 20 cm (8-10"), mesh the dimples and then fasten with plugs and nails every 20-25 cm (8-10") vertically.
- Seal cut vertical ends with Wrap-N-Drain moulding strips to prevent soil from entering the air gap.

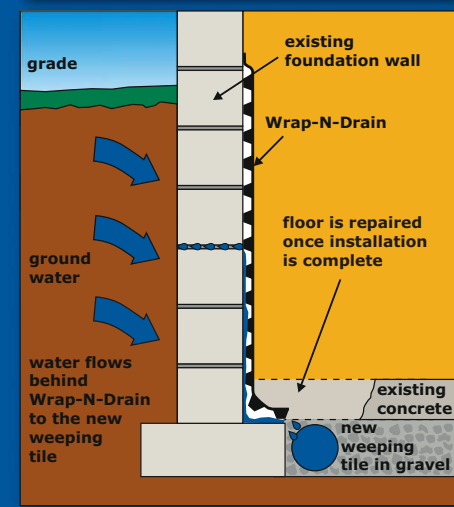
Technical Data

- Colour:** Black
- UV Stability:** Good
- Thermal Resistance:** R-Value=1
- Bacterial Attack:** Unaffected
- Useful Life:** 100 years (+/-)
- Toxicity:** None, Non-Polluting
- Freeze Thaw Cycles:** Unaffected
- Working Temperature Range:** -40°C to + 80°C (-60°F to + 175°F)
- Elongation & Breaking:** 400%
- Membrane Thickness:** 0.60 mm (24 mils)
- Compressive Strength:** 250 kN/m² (5200 psf)
- Dimensions:** rolls come in 20 m (65.6') lengths
- Available Heights:** 1.0 m (3.3'), 1.22 m (4.0'), 1.5 m (4.9'), 1.65 m (5.5'), 1.83 m (6.0'), 2.0 m (6.6'), 2.08 m (6.9'), 2.4 m (7.10') & 2.63 m (8.8')

Exterior Drainage System



Interior Drainage System



ADVANCED COATINGS INC.

Head Office:

P.O. Box 670, 15288 Highway 12
Midland, Ontario
Canada L4R 4P4
1-800-787-8059
Fax: (705) 534-4125

Branch Office:

22 Oxenden Crescent
Etobicoke, Ontario
Canada M9C 4H4
1-800-730-0814
Fax: (416) 695-2480

E-mail:

info@advancedcoatings.on.ca

Website:

www.advancedcoatings.on.ca

Your area dealer:



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