

DRAINABLE HOUSEWRAP SYSTEM PROTECTION

HydroGap® | HydroFlash® | Accessories

BENJAMIN OBDYKE
roof & wall products

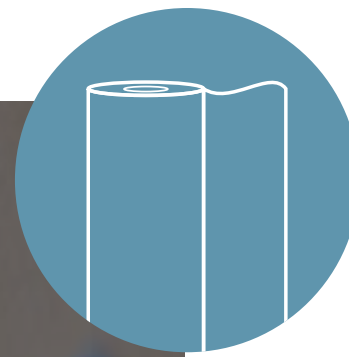
DRAINABLE HOUSEWRAP SYSTEM

We don't believe "one size fits all" when it comes to exterior moisture protection. That said, if we had to pick one system to be stranded with on a desert island – it would be this one. A housewrap with premium WRB characteristics, plus a true drainage gap for the removal of bulk water, the HydroGap Drainable Housewrap System is an easy 'go-to'. Not quite a rainscreen, but more than a basic WRB, HydroGap is a versatile solution to ensure water escapes quickly from the wall system.

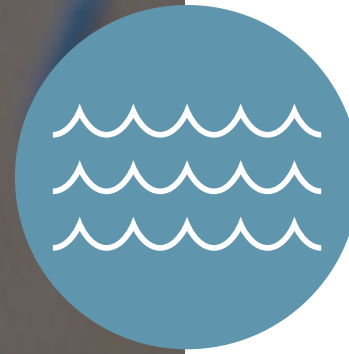
The drainable housewrap system is ideal for projects that use composite or fiber cement siding. In fact, many of these siding manufacturers recommend or require drainable housewrap in their installation guides. HydroGap drainable housewrap technology paired with the HydroFlash family of high-performance flashing options easily adds durability to your wall system for only a few cents upgrade per square foot over a standard WRB.

CYA, peace-of-mind, state of zen, whatever you call it...you can rest easy knowing the HydroGap Drainable Housewrap system warranty guarantees the products' performance for 20 years.

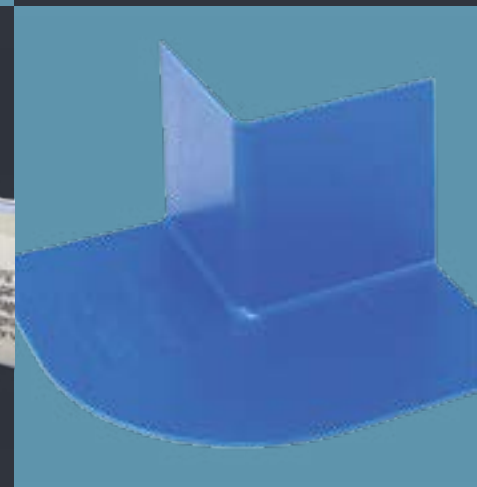
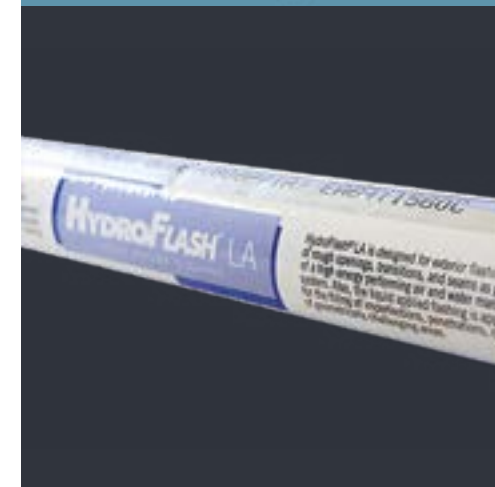
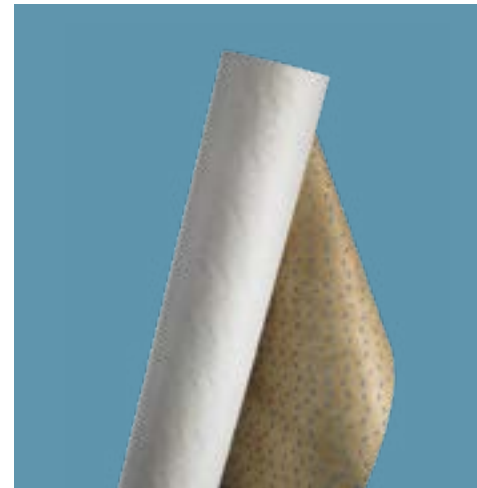
20 YEAR SYSTEM WARRANTY



EASY TO INSTALL



REMOVES BULK WATER



WATER WILL FIND A WAY IN.

Most building scientists not only believe this fact, but also agree that the best way to avoid issues caused by moisture in exterior walls is to provide a way for that moisture to escape.

And that's where we come in. At Benjamin Obdyke, we're passionate about protecting homes and buildings from moisture damage - and have been since 1868. Using building science as our guide, we develop solutions that allow the owner and building professional to BUILD BETTER for the long term - without breaking the bank.

We hope this guide helps you determine the best wall protection option for your project. When in doubt, call us! We're proud to be "nerds" about best building practices and welcome any opportunity to consult with building professionals or owners.

SELECTING A SYSTEM

Average rainfall per year?



What kind of cladding will be used?



Level of budget concern?

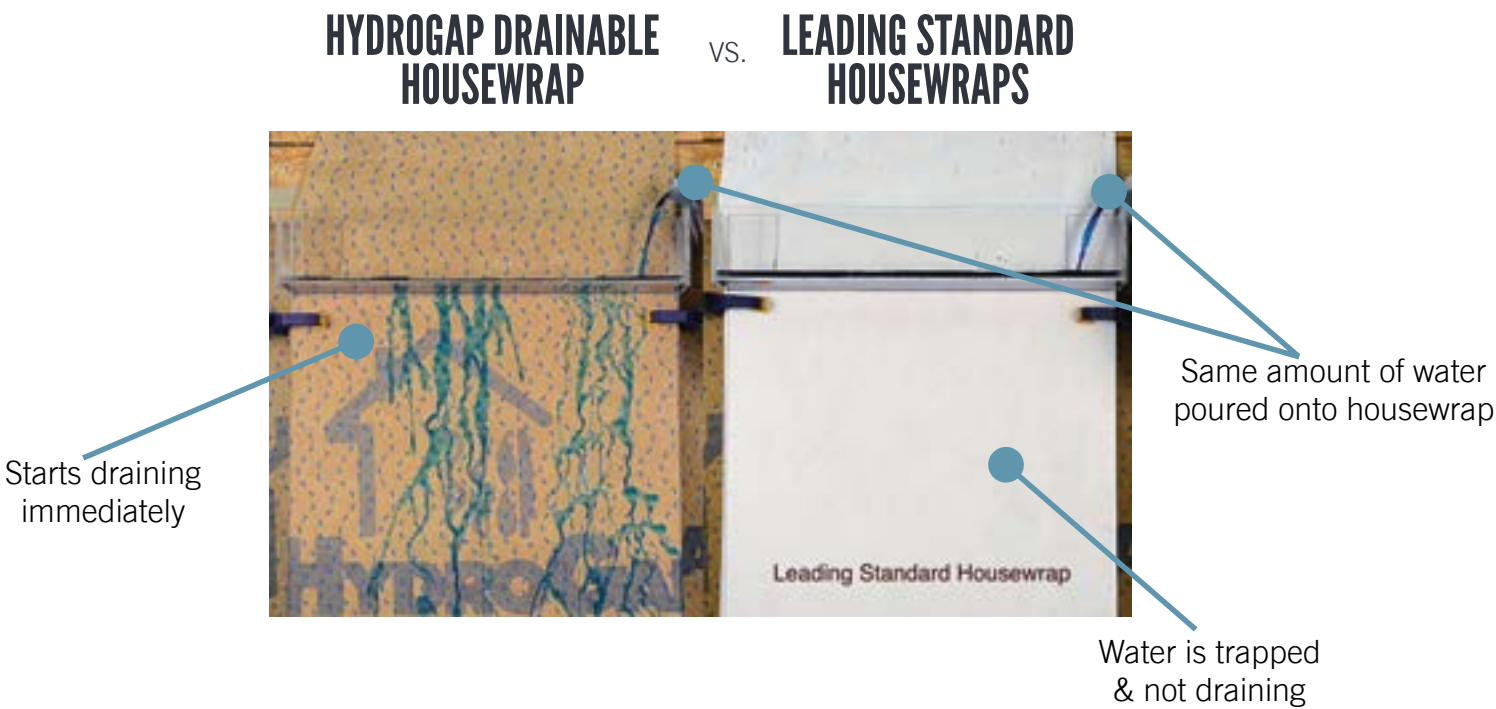


TIME TO DRAIN

HOW DOES MOISTURE GET IN YOUR WALL?

Consider just how many holes are protruding through your wall, leaving hundreds, even thousands, of holes for moisture to enter. The pressure outside your house is greater than the pressure within. Combine that with exposure to wind and if proper moisture management is lacking, then water has the potential to be driven into your wall through all penetrations. The longer moisture remains trapped, the longer it has to cause mold rot, and premature failure.

HydroGap REMOVES more than 96% of bulk water, while the leading housewrap TRAPS over 99%!





WIDTH

5 ft (1.5 m), 9 ft (2.7 m),
10 ft (3.04 m)

LENGTH PER ROLL

100 ft (30.48 m)

MAX. UV EXPOSURE

120 days

FIRE RATING

Class A

VAPOR PERMEABILITY

16 perms

HydroGap® Drainable Housewrap is the best performing drainable housewrap on the market. This product allows construction professionals to Build Better™ by effectively eliminating excess moisture, thereby preventing the damaging effects of mold and rot. Its patent-pending one millimeter spacers allow at least 100X more bulk water to drain from a wall versus standard housewraps.

1 mm compression resistant spacers ensure a continuous and efficient drainage gap

Superior strength and water holdout – tri-laminate substrate with water hold-out layer sandwiched by two non-woven layers to protect it from damage during installation

Seam Tape Not Required – saves time and labor costs by reducing need for taping

Removes over 100X more bulk water from a wall versus standard housewraps

Contains approval from Canadian Construction Management Centre (CCMC)

HydroFLASH® UV+

ENHANCED ADHESION FOR EXTREME CONDITIONS

HydroFlash® UV+ is a unique, high performance tape that offers breathability without sacrificing long-term adhesion. Reducing potential for condensation build-up and moisture damage, this “European-grade” tape offers a vapor permeable acrylic adhesive paired with a UV-resistant durable facer. HydroFlash UV+ is a premium flashing solution for use with all housewraps, but also meets long-term UV exposure requirements for open joint siding applications.

WIDTH

2.3 in (60 mm), 4 in (100 mm),
6 in (150 mm), 9in (230 mm)

LENGTH PER ROLL

82 ft. (25 m)

ADHESIVE

Acrylic

MAX. UV EXPOSURE

365 days (before siding coverage)

TEMPERATURE RANGE

Install down to 25°F,
store above 40°F

VAPOR PERMEABILITY

4 perms

HydroFLASH® LA

LIQUID APPLIED FLASHING

HydroFlash® LA is designed for exterior flashing of rough openings, transitions, and seams as part of a high performing air and water management system. Liquid Applied flashing is appropriate for the filling of imperfections, penetrations, or sealing of geometrically challenging areas.

PACKAGING

20 oz. Sausage/12 per carton

TYPICAL COVERAGE

12-15 sq. ft. per sausage

CURED THICKNESS

20-40 wet mils.

COMPOUND TECHNOLOGY

STPU Silyl Terminated Polyurethane

TACK FREE TIME

2-3 hours

CURE TIME

6 hrs

INSTALL TEMPERATURE

25° - 100° F

EXPOSURE

180 days

VAPOR PERMABILITY

3-6 perms (20-40 wet mils)

HYDROFLASH® GP

GENERAL PURPOSE SELF-ADHERED FLASHING

HydroFlash® GP Self-Adhered Flashing is a specially formulated acrylic technology for aggressive adhesion to Benjamin Obdyke's HydroGap® Drainable Housewrap and FlatWrap® HP. HydroFlash® GP can be installed down to twenty-five degrees Fahrenheit.

WIDTH

2.3 in (60 mm), 4 in (100 mm),
6 in (150 mm), 9 in (230 mm)

LENGTH PER ROLL

82 ft. (25 m)

ADHESIVE

Acrylic

MAX. UV EXPOSURE

180 days

TEMPERATURE RANGE

Install down to 25°F,
store above 40°F

HYDROCORNER

HydroCorner® is a simple, economic option for protecting a window sill from moisture intrusion. Place one HydroCorner in each sill corner, and then cover with a piece of self-adhered flashing (HydroFlash®) for a quick and easy-to-install sill treatment.

Build Better

with Benjamin Obdyke
Roof & Wall products

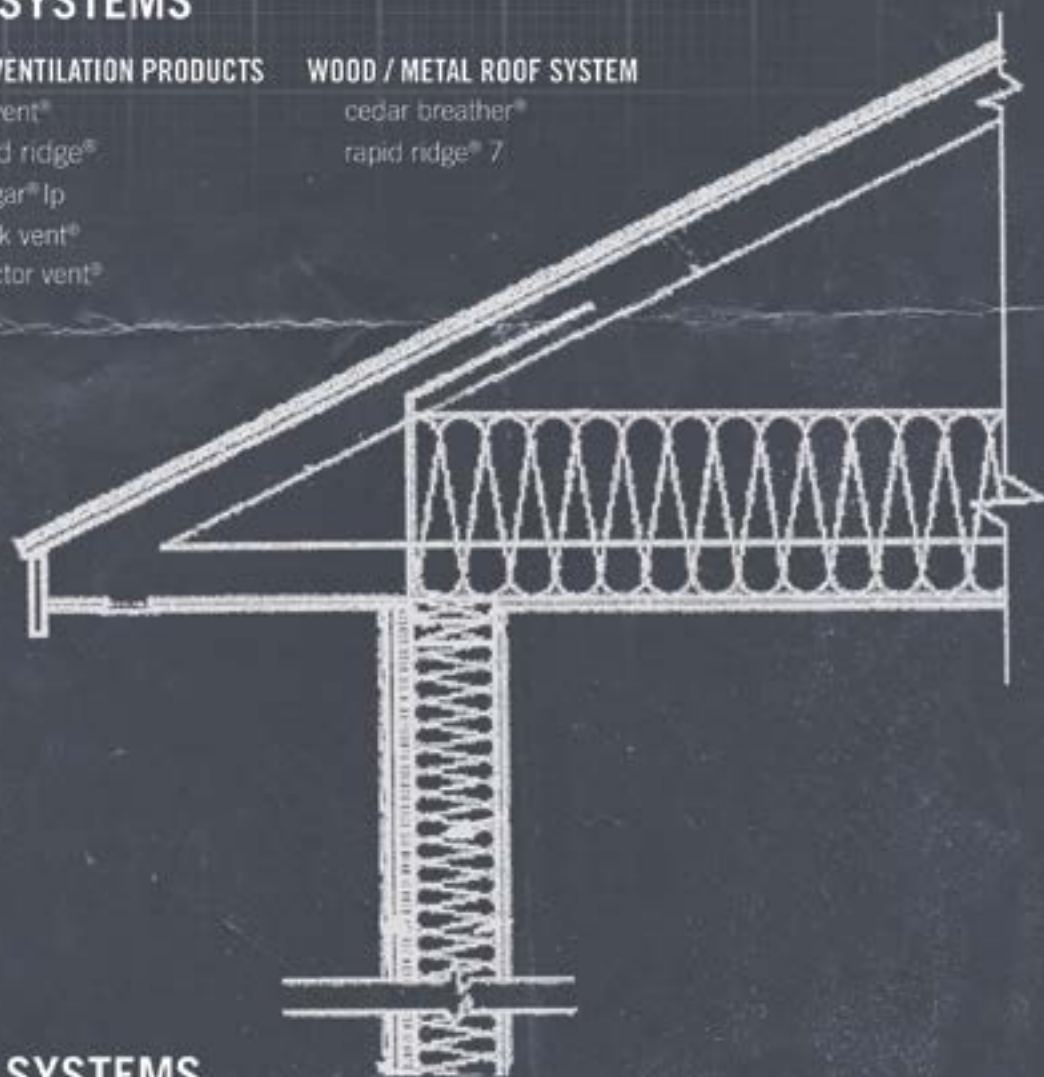
ROOF SYSTEMS

RIDGE VENTILATION PRODUCTS

roll vent®
rapid ridge®
cougar® lp
shark vent®
xtractor vent®

WOOD / METAL ROOF SYSTEM

cedar breather®
rapid ridge® 7



WALL SYSTEMS

AIR BARRIER DRAINABLE HOUSEWRAP SYSTEM

hydrogap® sa
hydroflash® uv+
hydroflash® la

UV-PROTECTED RAINSCREEN SYSTEM

invisiwrap® uv
hydroflash® uv+
batten uv

RAINSCREEN SYSTEM

slicker® rainscreen
flatwrap® hp
hydroflash®
slicker® screen
batten uv

DRAINABLE HOUSEWRAP SYSTEM

hydrogap® drainable housewrap
hydroflash®

HOUSEWRAP SYSTEM

flatwrap® hp
hydroflash®

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PRINTED 2011