

RAINSCREEN SYSTEM PROTECTION

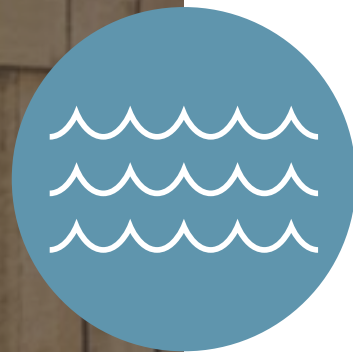
Slicker® Family | FlatWrap® HP | Accessories

BENJAMIN OBDYKE
roof & wall products

DRIES BEHIND CLADDING



REMOVES BULK WATER

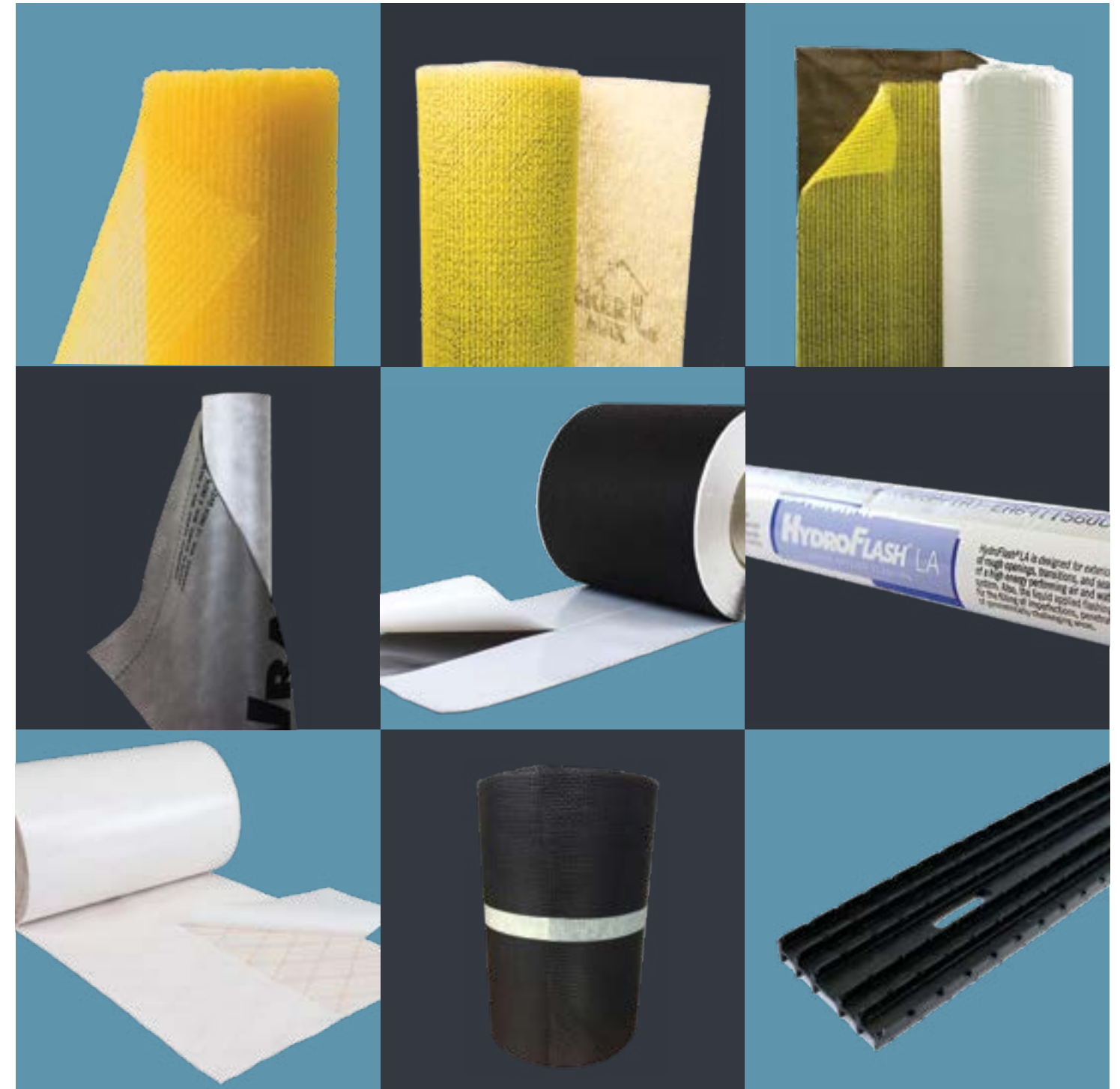


SLICKER RAINSCREEN SYSTEM

Our Slicker Rainscreen System is the most robust solution you'll find if you're looking for maximum protection and durability for your wall system. The Slicker family of rainscreens provide drainage and at least a 1/4" ventilated space for drying capacity behind the siding. Teamed up with Flatwrap HP housewrap and HydroFlash self-adhered flashing, this system provides an iron-clad protection system warrantied for 35 years.

The rainscreen system for siding or masonry is ideal for high-wind driven rain areas and behind absorptive claddings like wood, fiber cement, and stucco. The 1/4" ventilated space of Slicker requires planning and budget allocation, but a rainscreen upgrade is a small premium to provide protection, durability, and longevity for your siding investment.

35 YEAR SYSTEM WARRANTY



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

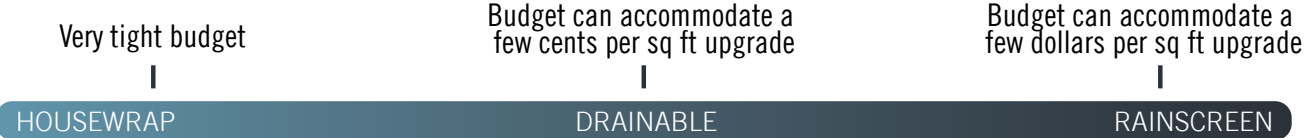
Average rainfall per year?



What kind of cladding will be used?






Level of budget concern?



Trying to decide which rainscreen is best for your project?

Take a look at some of the factors to consider when deciding which Slicker® Rainscreen works best for your cladding and exterior envelope. Do you have a unique build that you would like to discuss in more detail? Give us a call at (800) 523-5261 or email us at techsupport@obdyke.com.

			
OTHER CONSIDERATIONS			
Cedar Shakes & Shingles	●	●	●
Horizontal Wood Plank Siding	●	●	●
Vertical Wood Plank Siding		●	●
Composite	●	●	●
Fiber Cement		●	●
Stone Veneer		●	
Stucco		●	
OTHER CONSIDERATIONS			
Pre-Determined WRB <small>pre-weatherized sheathing, self-adhered housewrap, etc.</small>	●	●	
Rigid Insulation Boards in wall assembly	●	●	
MAX. UV Exposure	30 Days	90 Days	30 Days
Need a WRB?	Check out FlatWrap® HP		●

Are you working with an Open Joint Siding application? Check out our Open Joint System Protection, including InvisiWrap UV, HydroFlash UV+, and Batten UV.

Slicker® Classic is the original rolled rainscreen. The unique, vertically channeled, three-dimensional matrix of Slicker provides a continuous space for drainage and drying, eliminating the threat of trapped moisture.

Provides maximum protection for the wall system, eliminating the deteriorating effects of mold and rot between the siding and sheathing

Reduces the chances of premature peeling or blistering of finishes

Prevents damage from surfactants by separating the cladding from the water resistive barrier

Saves time and labor costs by eliminating the need for furring strips



THICKNESS (SIZE OF GAP)

.25 in (6 mm) / .40 in (10 mm)

LENGTH PER ROLL

46.5 ft (14.17 m) / 38.5 ft (11.74 m)

COVERAGE PER ROLL

150 sq ft / 125 sq ft

WIDTH PER ROLL

39.37 in (1 m)

MAX. UV EXPOSURE

30 days



Slicker® MAX rainscreen includes a filter fabric, providing enhanced UV and compression resistance. Slicker MAX is ideal for providing drainage and ventilation behind fiber cement, stone veneer, and stucco applications.

Fabric serves as “sacrificial layer” in stone or stucco applications, while preventing mortar from blocking drainage and drying channels

Additional fabric layer protects matrix from UV exposure and adds compression resistance

Provides maximum protection for the wall system, eliminating the deteriorating effects of mold and rot between the siding and sheathing

Reduces the chances of premature peeling, blistering, or cracking of finishes

Prevents damage from surfactants by separating the cladding from the water resistive barrier

THICKNESS (SIZE OF GAP)

.25 in (6 mm) / .40 in (10 mm)

LENGTH PER ROLL

61.5 ft (18.75 m) / 38.5 ft (11.74 m)

COVERAGE PER ROLL

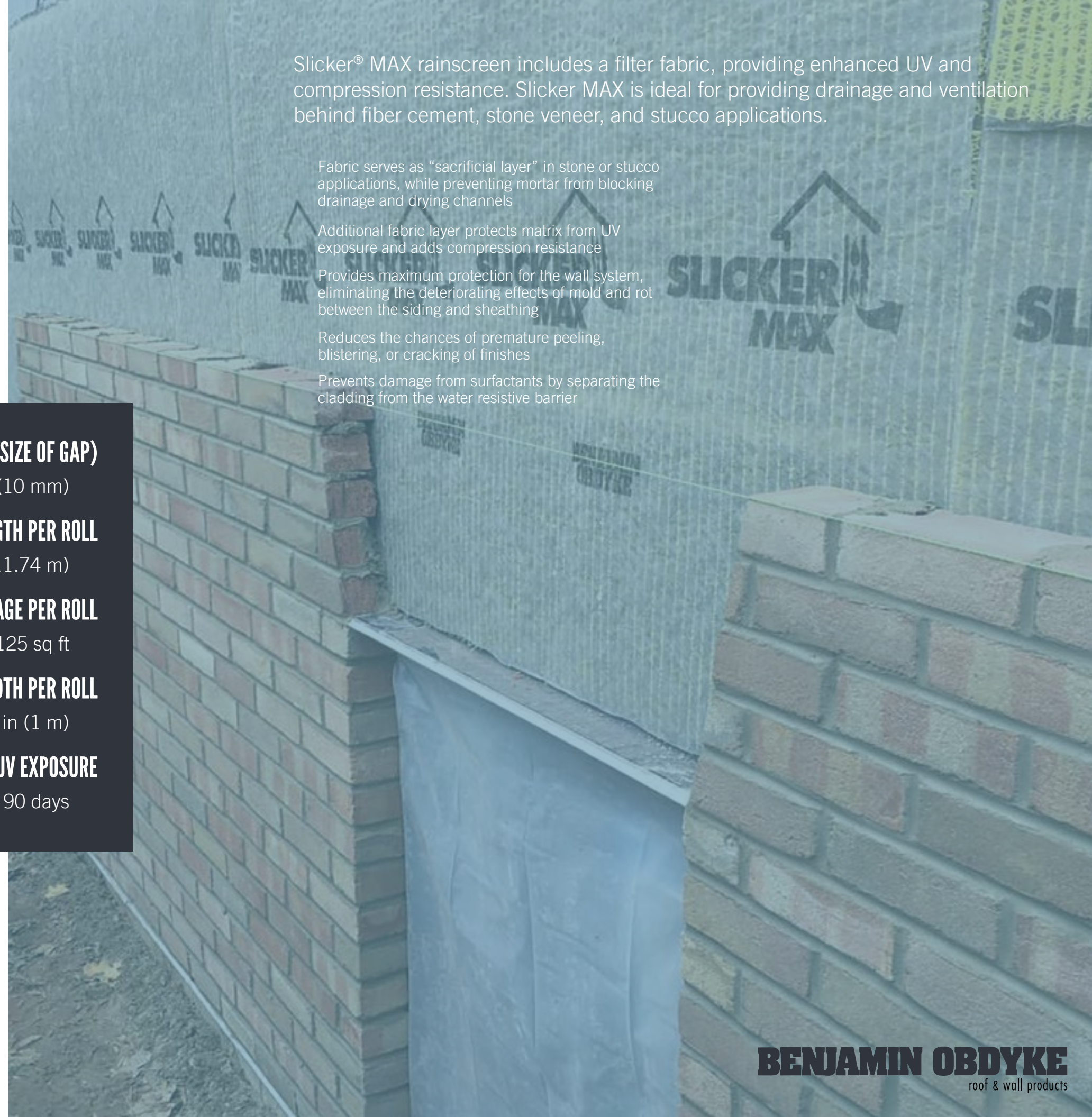
200 sq ft / 125 sq ft

WIDTH PER ROLL

39.37 in (1 m)

MAX. UV EXPOSURE

90 days



Slicker® HP is the first all-in-one moisture management solution to feature a detachable rainscreen and premium housewrap in a single application. We have combined the benefit of our Slicker Classic rainscreen and FlatWrap HP WRB into one easy to use product.

Provides maximum protection for walls, eliminating the deteriorating effects of mold and rot between siding and sheathing

Reduces the chances of premature peeling or blistering of finishes

Commercial-grade housewrap layer has superior tear strength, surfactant resistance, and water holdout capabilities

Simplifies and reduces labor by installing rainscreen and housewrap in one easy-to-handle roll

Detachable rainscreen allows installers to use preferred flashing methods without compromising water holdout



RAINSCREEN + PREMIUM WRB

THICKNESS (SIZE OF GAP)

.25 in (6 mm)

LENGTH PER ROLL

61.5 ft (18.75 m)

COVERAGE PER ROLL

200 sq ft.

WIDTH PER ROLL

39.37 in (1 m)

MAX. UV EXPOSURE

30 days

FLATWRAP[®] HP

HIGH PERFORMANCE WRB

WIDTH

3 ft, 5 ft, & 9 ft

LENGTH PER ROLL

100 ft (30.48 m)

MAX. UV EXPOSURE

120 days

VAPOR PERMEABILITY

15-20 perms*

*Pending final AC38 test results

FlatWrap[®] HP is a commercial-grade water-resistive barrier (housewrap). When used in conjunction with a rainscreen wall, it provides superior bulk water drainage, exceptional vapor permeability and durability.

FlatWrap HP is a perfect complement to Slicker[®] products as the WRB component in a rainscreen wall system. It can also be paired with HydroGap[®] Drainable housewrap as the required secondary layer in stone or stucco applications.

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), 9 in (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 PERMEABILITY

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 housewraps. 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

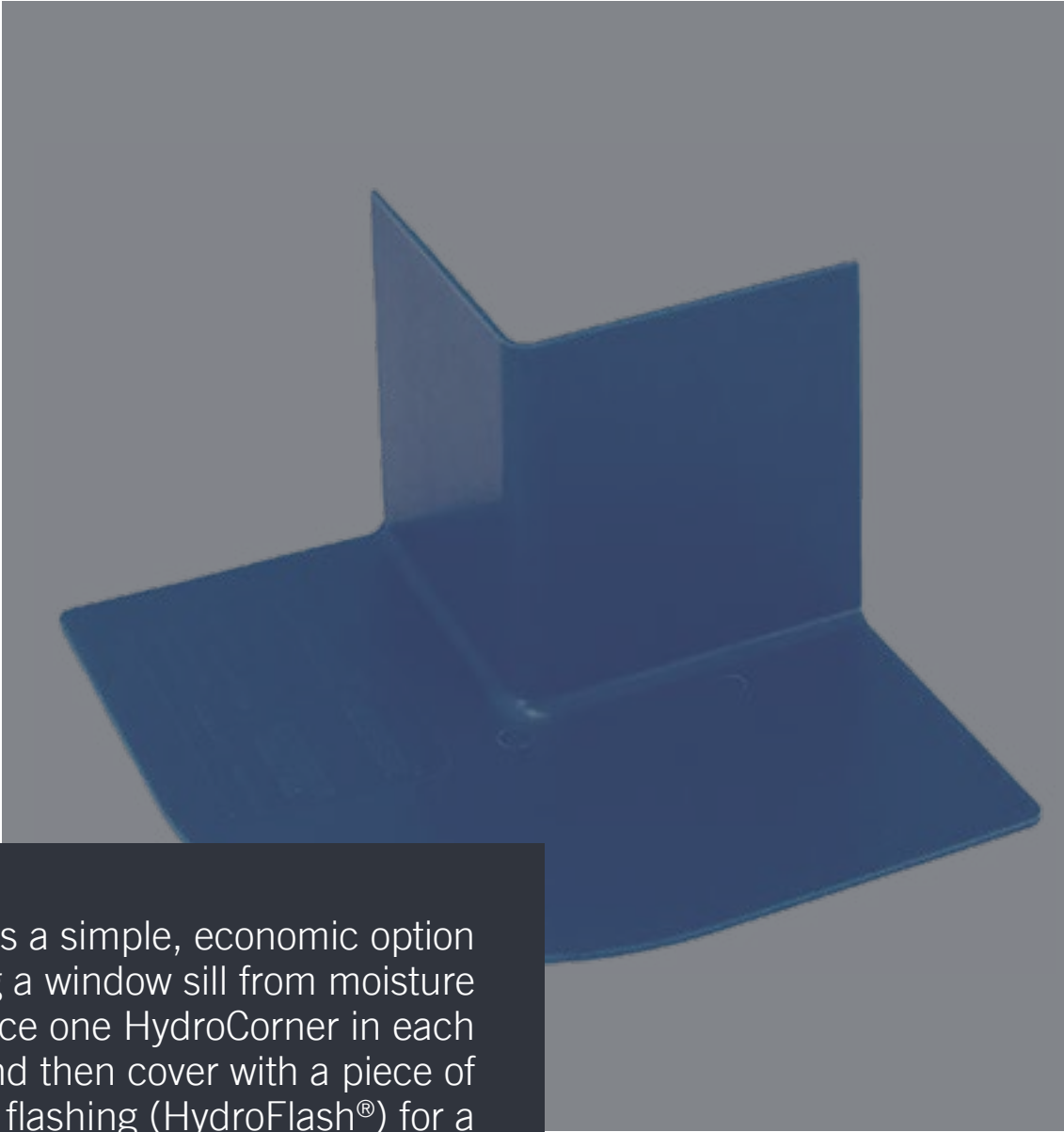
MAX. UV EXPOSURE

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.

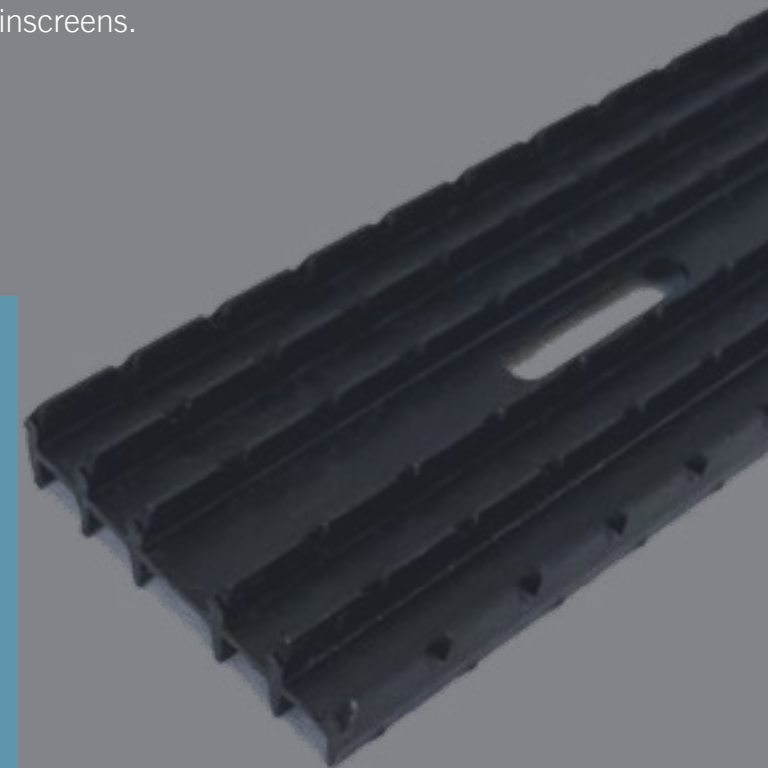
SLICKER[®] SCREEN



Slicker® Screen is used in conjunction with the Slicker family of rainscreens to prevent insect infiltration along the top and bottom edge of the siding. The material is precut to a 6 inch width and is installed with three inches on the backside and 3 inches on the front side of the Slicker rainscreen material. Available in 6 in. x 100 ft. rolls.

BATTEN UV

Designed to be UV stable, Batten UV works great for all open joint cladding applications. The compression resistant design is ideal to support the install of a variety of claddings, including composite decking used as cladding. Batten UV can also be used as a starter strip for Slicker Rainscreens.



PACKAGING

50 battens per carton

THICKNESS (SIZE OF GAP)

.375 in

WIDTH

1.75 in

LENGTH PER BATTEN

8 ft (2.44 m)

MAX. UV EXPOSURE

365 days (before siding coverage)

COMPOSITION

Polypropylene

Build Better

with Benjamin Obdyke
Roof & Wall products

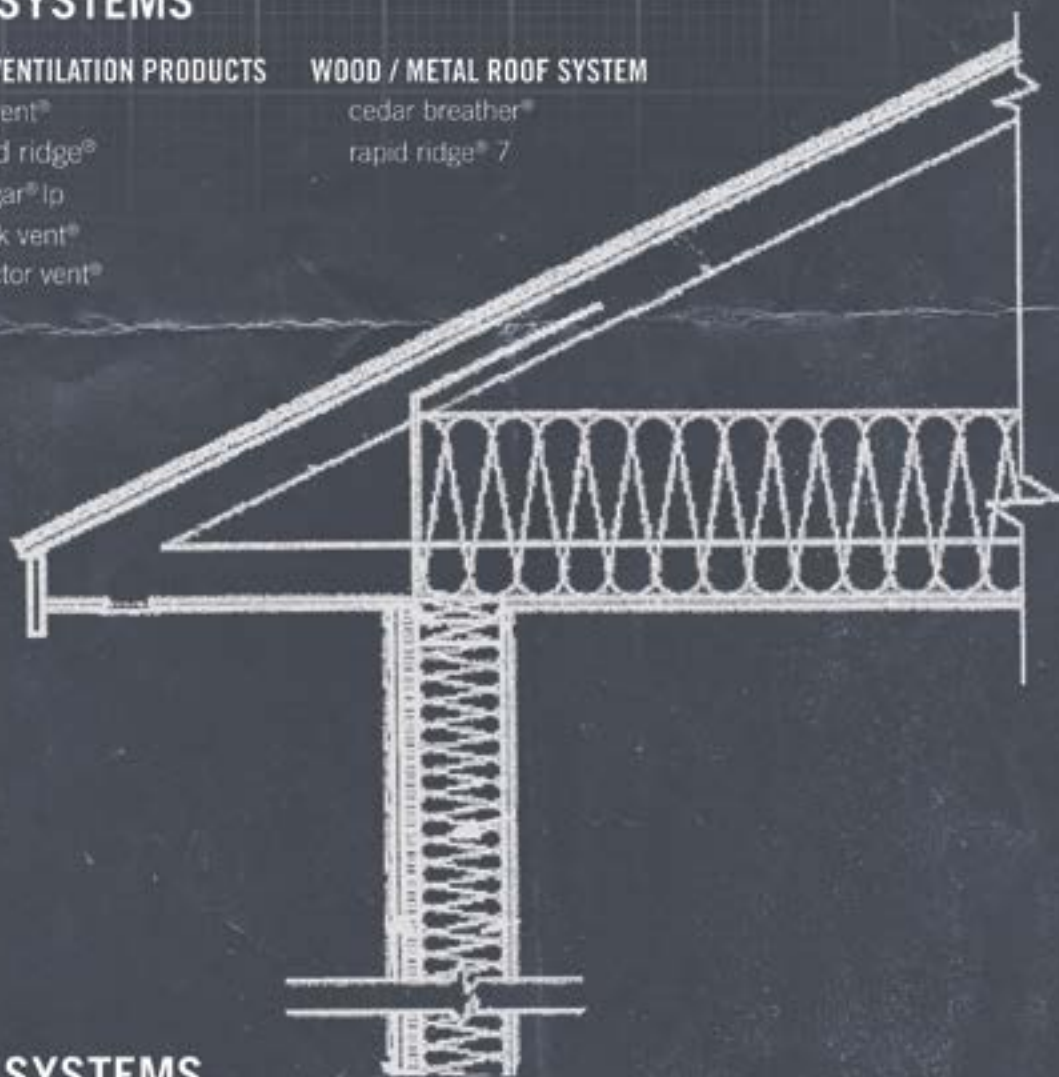
ROOF SYSTEMS

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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PHOTO: BOB

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