

DEMAND

P R O D U C T S INC.

TM

Washer Specifications Section 7 & 9



Equivalences and Approvals

Wind-Lock®



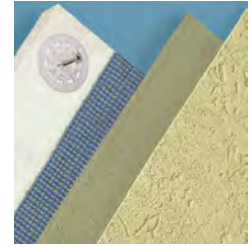
Wind-Devil® 2

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Demand Products, Inc.



PBH™ Washer - 2" Diameter
Also With Screws for Wood/Lite Metal, Steel & Masonry



ULP-402

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DP400™ Washer - 1 3/4" Diameter
With Pre-Spot Stem



ULP-302

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DP300™ Washer - 1 3/4" Diameter
Also With Screws for Wood/Lite Metal, Steel & Masonry

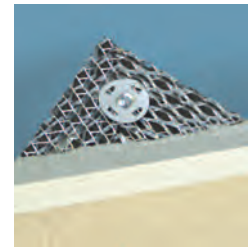


Lath-Lock

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DP500™ Tab Washer - 1 1/4" Diameter
G-90 Chromium Plated Steel



- EIFS Manufacturers Approvals Upon Request
- 3rd Party Windload Testing Upon Request
- All Fasteners Meet or Exceed EIFS Manufacturer Requirements — ASTM E330

Wind Load Capacity

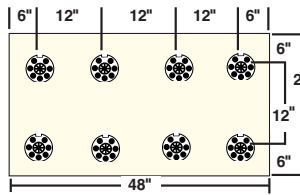
(Average Ultimate PSF, Negative Pressure)

1.0 Lb. EPS	Pattern A	Pattern B
1"	83	85
1 1/2"	105	104

Windload Specs for PB & PBH Washers

Testing was performed by Underwriters Laboratories per ASTM E330 and E331. Procedure B

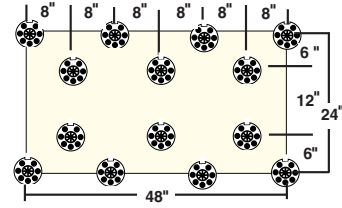
A



Wood, Plywood, Metal Siding, Masonry and Concrete

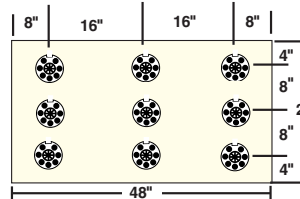
These spacing patterns are general guidelines for mechanical installation of EPS to different substrates when used in conjunction with a typical EIFS system or similar systems. Construction projects vary and yours may be different from these fastener suggestions. Please consult your EIFS manufacturer when using Demand fasteners along with adhesives. For additional information call Demand Products Technical Services at 1-800-325-7540

C



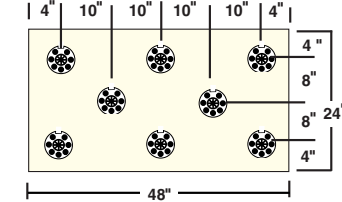
Structural Substrates Such as Wood Sheathing, Concrete, Masonry & Metal Siding

B



Non-Structural Sheathings such as OSB, Gypsum, Dens-Glass Gold

D



Structural Substrates Such as Wood Sheathing, Concrete, Masonry & Metal Siding

Screw Pullout Performance Data

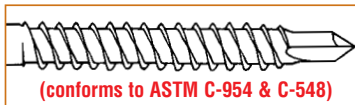
**WOOD
LT.
METAL**



Nominal Gauge	26	24	22	20
Pullout Strength	120	183	248	296

(1/4" Minimum Through Penetration)

STEEL



Nominal Gauge	18	16	14	12
Pullout Strength	471	679	847	1225

(1/4" Minimum Through Penetration)

Coating: CLIMACOAT™

Corrosion Resistance: Kestemich Results (Din 50018, 2.OL) • 20 cycles - 10% or less red rust. Salt Spray Results (ASTM B117) • 500 hours - 10% or less red rust for wood, life-metal and steel fasteners.

All of Our Screws Meet or Exceed ASTM B117



Don't Use Non-Approved Fasteners and Uncoated Screws

CONCRETE

Solid Concrete

Fastener Diameter	Depth of Embedment in Solid Material (inches)			
	1"	1 1/4"	1 1/2"	1 3/4"
3/16"	341	581	863	1059

Test #CH3932/Pittsburgh Testing Laboratories



Coating: CLIMASEAL™ for masonry/concrete fasteners only

Corrosion Resistance: Kestemich Results (Din 50018, 2.OL) • 30 cycles - 10% or less red rust. Salt Spray Results (ASTM B117) • 720 Hours - 10% or less red rust.

MASONRY

Hollow Block

Fastener Diameter	Depth of Embedment in Solid Material (inches)			
	1"	1 1/4"	1 1/2"	1 3/4"
3/16"	*209	*357	*468	*547

Test #CH3748/Pittsburgh Testing Laboratories



Coating: CLIMASEAL™ for masonry/concrete fasteners only

Corrosion Resistance: Kestemich Results (Din 50018, 2.OL) • 30 cycles - 10% or less red rust. Salt Spray Results (ASTM B117) • 720 Hours - 10% or less red rust.

*Note 1: Masonry must be pre-drilled 1/2" deeper than fastener penetration.

*Note 2: Hardness of masonry varies and the standard drill bit may not always drill the adequate hole. Please consult Demand Products for assistance in proper drill bit diameter.

Please Note: The pullout values listed are the ultimate averages achieved under laboratory conditions. An appropriate safety margin factor should be applied to these values to achieve a design value.



Exceeds Miami/Dade Wind-Load Pull-Off Minimum of 90 PSF

White — No Color Bleedthru

Finger
Closures

Large
Keyholes for
Strong
Mechanical
Bond

2" Diameter

Eliminates
Thermal Bridging

For
Polymer
Based
EIFS

Cone Design
Prevents
Popouts



PBH

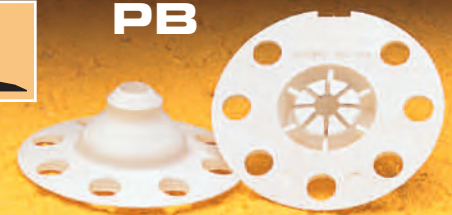


Designed for **ALL**
EPS Thicknesses



For Polymer
Based Systems

PB



EIFS MANUFACTURER APPROVED

Available in Boxes of 500 or 1,000



Available Pre-Assembled for Wood/Lite Metal, Steel & Masonry

Demand Products Assembled Fasteners

1. Insulation Board shall be attached to the approved substrate horizontally with vertical joints staggered and butted tightly.
2. PBH™ or PB™ by Demand Products, Inc. are designed to be used with EIFS Manufacturers PB EIFS. Screws shall meet ASTM B117.
3. Install PBH™ or PB™ in a manner so the fastener is flush with the surface of the Insulation Board. Do not exceed 1.6 mm (1/16") below the surface.
4. Rasp the surface of the Insulation Board with a DuraVac™ DuraRasp™ to remove any irregularities.

DEMAND

P R O D U C T S INC.

www.demandproducts.com

1.800.325.7540