

### Moulding & Millwork Profile Guide



## About OrePac Building Products



#### **OUR HISTORY**

OrePac is a family-owned and operated business, founded by the Hart family in 1977. Through strong leadership and a commitment to success, the company has grown into one of the premier distributors in the building industry.

Trust, integrity, and a dedication to excellence are the values most important to OrePac. That commitment can be found in the services we offer, the quality of the products we provide, and the way we treat our employees and customers. This dedication to our markets has enabled us to make a positive impact on the shelter industry and the communities we serve.

#### **OREPAC TACOMA**

OrePac Building Products established the Tacoma, Washington branch in 1981. The branch has expanded to 14 tractors, 22 trailers, and 200,000 square feet of covered warehouse space. Tacoma is proud to serve the surrounding areas of northwestern Washington, as well as all of Alaska. Our Tacoma branch is known as the leader in PVC, composite, and cedar decking within their market.





#### **DISTRIBUTION CENTERS**

Boise, ID Bozeman, MT Denver, CO Ontario, CA Phoenix, AZ Sacramento, CA Salt Lake City, UT Spokane, WA Tacoma, WA Wilsonville, OR

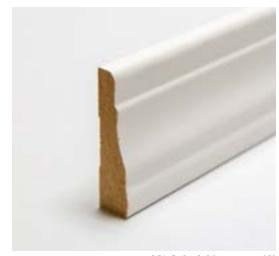
### MOULDING & MILLWORK Table of Contents



623 (see page 11)



495 E2E Bullnose (see page 24)



356 Colonial (see page 18)

#### 05 MOULDING 101

- 05 Handling of Millwork
- 06 Common Moulding Applications
- 08 Species Types

#### **10 PROFILES**

- 10 Architrave
- 11 Base
- 18 Casing
- 25 Crown
- 28 Stool, Chair Rail, Wainscot Cap, Base Cap
- 32 Rounds
- 33 Square, Stop, Parting Strip
- 34 Brickmould, Shake Mould, Hand Rail
- 35 Outside Corner
- 36 Lattice, Open Trim
- 37 Cove
- 38 Miscellaneous
- 43 Boards
- 51 Jambs, Frames
- 54 Mullion, Astragals, Plinth, Rosette, Universal Base Corners



#### Unfinished Woodwork is Vulnerable!

- Apply finish as soon as possible following the manufacturer's finishing instructions.
- Never expose unpainted millwork to direct sunlight!
- Always protect unfinished millwork from moist conditions. Never store on the ground, on concrete, or where rain can blow in.
- All mouldings should be stored horizontally off the floor and in a dry location.

It's critical to protect millwork from direct sunlight prior to finishing to avoid rapid drying and bleaching. Even a few hours exposure to direct sunlight causes drying and bleaching. Millwork must be stored in a dry area away from excess heat. Never store on the ground, nor allow wood to come into direct contact with concrete. The natural tendency of concrete to absorb moisture can create a "wicking" of moisture out of the air or the ground and into the wood.



#### Mouldings Must be Acclimated

72 hours prior to installation, mouldings should be unbundled and allowed to acclimate to the environment in the room in which they will be installed, with a controlled humidity level. The humidity at the time of acclimation should be similar to the humidity expected upon occupancy of the project.



#### Finishing

Light sanding is required on all non-primed millwork prior to finishing. Follow manufacturer's recommended instructions for your product type.





#### BACK BAND

A rabbeted moulding used to surround the outside edge of casing.

#### BASE

Applied where floor and walls meet, forming a visual foundation. Protects walls from kicks, bumps, furniture, etc. Base shoe and base cap are used to conceal uneven floor and wall junctions.

#### **BASE CAPS**

A decorative member installed flush against wall at the top of an S4S baseboard. Can be used as panel moulding.

#### BASE SHOES

Applied where base moulding meets floor. Protects base from damage. Conceals uneven lines or cracks.

#### BEDS

Used where walls and ceiling meet. Installed either as flat or projected from surface.

#### BRICKMOULD

Used as an exterior door and window casing. A thick moulding providing a surface for brick or other siding to butt against.

#### CASING

Used to trim inside and outside of door and window openings.

#### CHAIR RAIL

Interior moulding applied about one third up from the floor, paralleling base moulding and encircling the room.

#### **CORNER GUARDS**

Outside (OS) corner guard is used to protect corners or to cover ragged edges where wall covering and painted surfaces meet at outside corner.

#### COVES

Concave profile. Used at corners, particularly as a ceiling cornice.

#### 

Used where wall and ceiling meet. Used to cover large angles; always installed projected from surface.

#### **DRIP CAPS**

Applied over exterior window and door frames. Keeps water from seeping under the siding. Also directs water away from window glass.

#### HAND RAIL

Used as a hand support in a stairwell.

#### HALF ROUNDS

Can be used as a screen moulding, bead shelf edge or panel moulding.

#### LATTICE

Originally used in trellis work. This small, plain S4S moulding is among the most versatile of profiles.

#### PANEL MOULD

Used to form panels on walls, ceilings or built up cornice applications.

#### QUARTER ROUNDS

May be used as a base shoe, inside corner moulding, or to cover any 90 degree recessed junction.

#### ROUNDS

Most often used as a closet pole.

#### SHELF EDGE / SCREEN MOULD

Used to hold glass in place. Also called glass stop, cove and bead, putty bead, glazing bead and staff bead.

#### **STOP**

Nailed to the face of the door frame to prevent the door from swinging through.

#### WAINSCOT CAP

Trims out the upper edge or top of a wainscot. Covers plywood's rough sawn edge in installations where it's exposed to view.

#### CROWN

Used where wall and ceiling meet. Used to cover large angles; always installed projected from surface.

#### PANEL MOULD

Used to form panels on walls, ceilings or built up cornice applications.

#### CASING

Used to trim inside and outside of door and window openings.

#### **STOP**

Nailed to the face of the door frame to prevent the door from swinging through.

#### **CHAIR RAIL**

Interior moulding applied about one third up from the floor, paralleling base moulding and encircling the room.

#### WAINSCOT CAP

Trims out the upper edge or top of a wainscot. Covers plywood's rough sawn edge in installations where it's exposed to view.

#### BASE SHOE

Applied where base moulding meets floor. Protects base from damage. Conceals uneven lines or cracks.

#### BASE

Applied where floor and walls meet, forming a visual foundation. Protects walls from kicks, bumps, furniture, etc. Base shoe and base cap are used to conceal uneven floor and wall junctions.



#### HEMLOCK

Hemlock is light brown with red tinges. It features uneven, commonly twisted grain and has a medium-coarse texture. A good selection if you plan on staining your jamb and frame components.



#### **SOLID PINE**

Clear Pine is a knot-free wood with a signature rustic look. It is very sturdy and durable.

#### MDF

Medium-Density Fiberboard (MDF) is a reconstituted wood panel product. It is dry-processed fiberboard manufactured from wood fibers. Known for its consistency, ease of handling and superior paint adhesion.



(M)

#### BIRCH

The wood of Yellow Birch is heavy, strong, close-grained, even-textured and shows a wide color variation from reddish-brown to creamy white. It is used for furniture, cabinetry and interior finish.



#### FINGERJOINT PRIMED PINE

Primed Fingerjoint Pine is great for those who plan on painting their millwork but still prefer to work with real wood as opposed to MDF.



#### OAK

Oak is very hard, heavy and strong. Despite its density, it is very easy to work with.



#### CHERRY

Cherry is a very heavy and strong wood that machines and sands very smooth. From furniture to small accessories to built-ins, this is a top class wood.



#### WALNUT

Quite durable and strong, its colors can be light to chocolate brown with large grown rings. The sapwood is often times white.



#### **KNOTTY ALDER**

As one would expect, this wood can have many large knots and splits. This is the perfect choice for rustic style projects.



#### POPLAR

This is the most cost-effective hardwood offered. The softest of the hardwoods, Poplar is excellent for paint grade but can still be stained.



#### FIR

Douglas Fir is offered in vertical and mixed grain. Its pink color reddens over time.

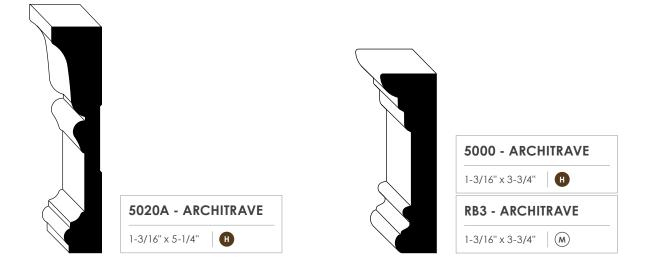


#### MAPLE

Maple is characterized as dense and light in color. It is a fine textured and closegrained wood that does not require filling.

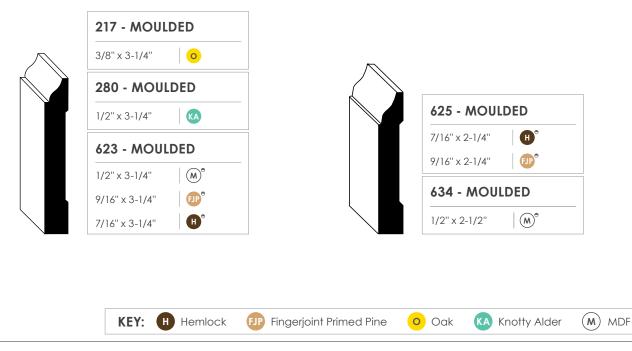


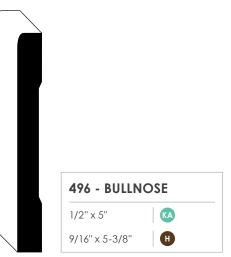


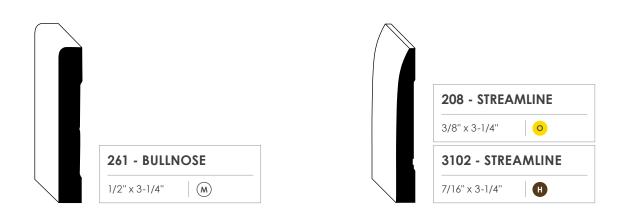


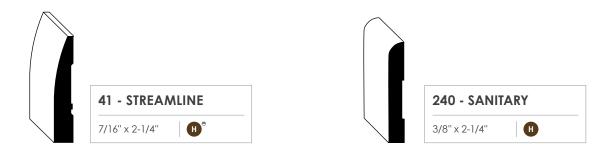
285 - MOUI	DED	
<b>285 - MOUI</b> 1/2" x 5-1/4"	.DED	-
	KA	-
1/2" x 5-1/4"	KA	-

	620 - MOULDED	
	620 - MOULDED	<b>,</b>
I		

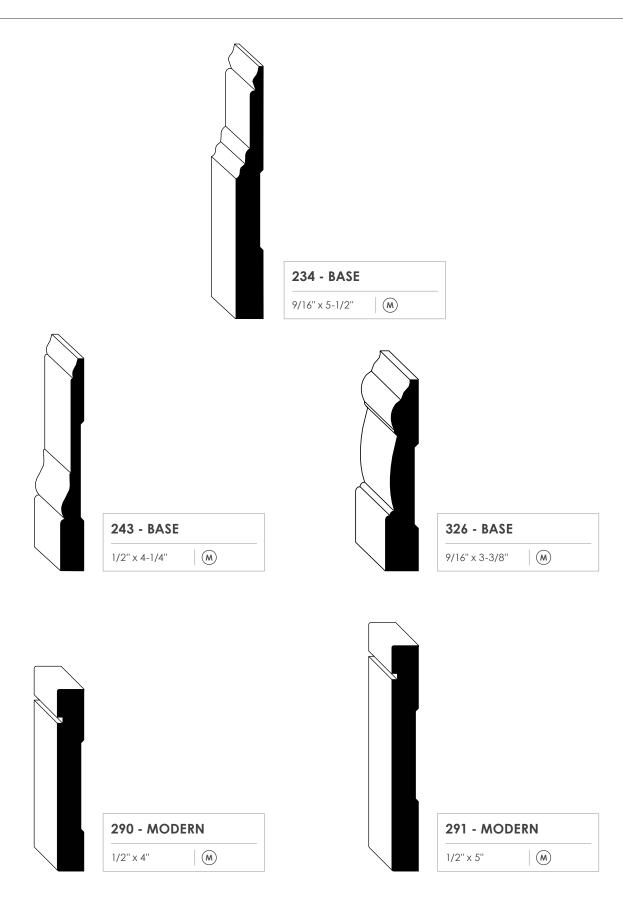








	<b>7550 - CASCADE</b> 5/8" × 5-1/2"	
<b>545 - BASE</b> 5/8" x 5"		<b>260 - COLONIAL</b> 3/8" x 3-1/4"
<b>412 - VICTORIAN</b> 9/16" x 4-1/4"		230 - COMBO 5/8" x 2-1/4" (†)



	473 - E2E BULLNOSE
<b>714 - SIERRA</b> 9/16" × 7-1/4" (M) <sup>®</sup>	9/16" x 3-3/8" H 9/16" x 3-9/16" KA
6688 - ALTA	218 - SIERRA

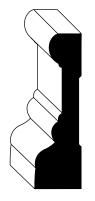
## Premium products

to complete your home



535 - CASIN	IG	
11/16" x 3-1/2"	M	
3/4" x 3-1/2"	H	



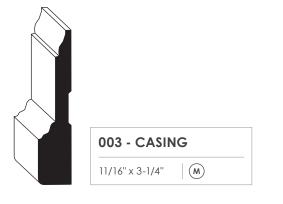


338 - HOWI	

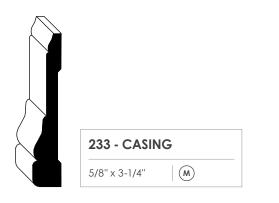




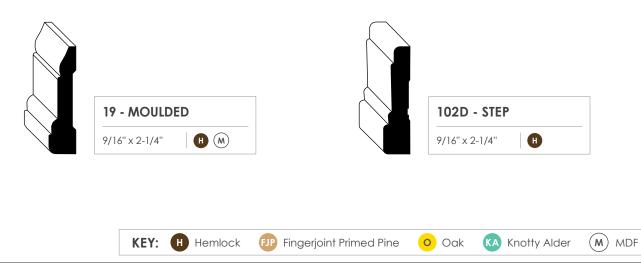




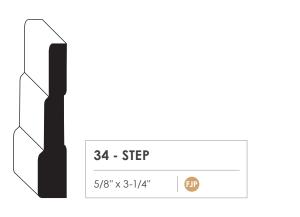


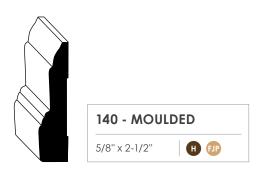






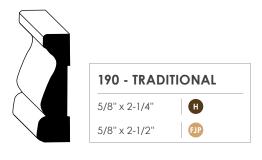
7350 - CASCADE	
	150 - CASING

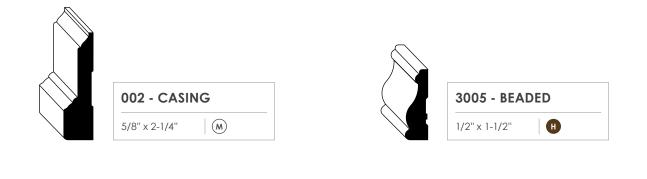












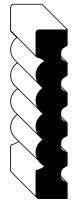
KEY: H Hemlock

(M) MDF

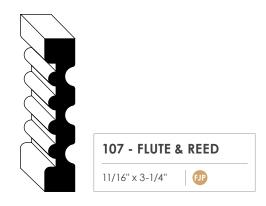
**FJP** Fingerjoint Primed Pine

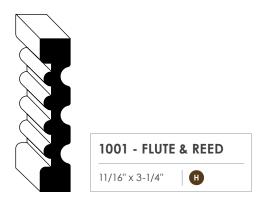


1003 - FLUT	ED
5/8" x 3-3/8"	M



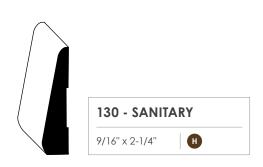
908 - REED	
5/8" x 3-1/4"	

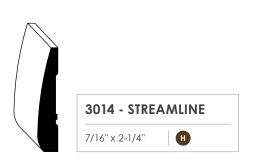


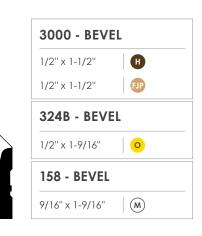


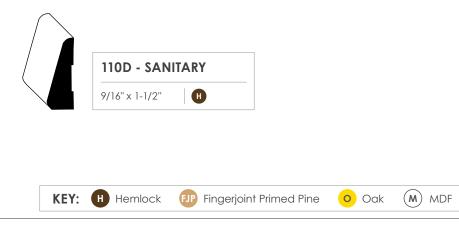








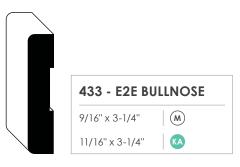


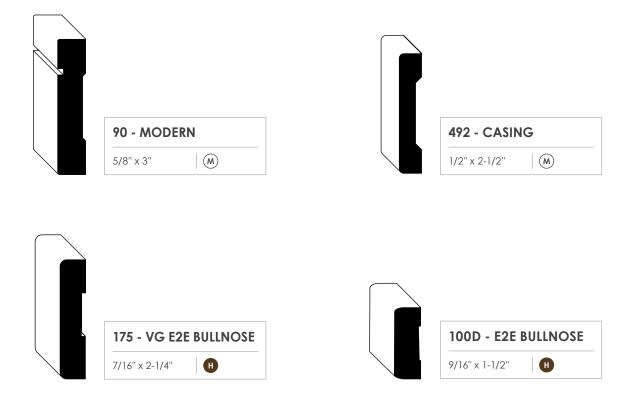


JLLNOS
H
KA



472 - VG E2E	BULLNOSE
5/8" x 2-1/4"	H
472 - E2E BULI	NOSE
5/8" x 2-1/2"	KA

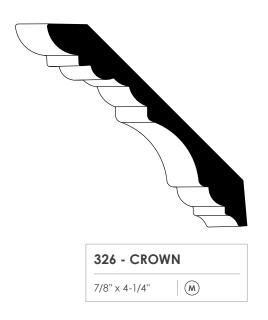


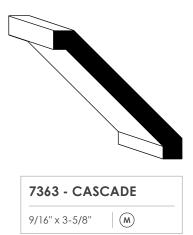


			48 - CROW	N	
46 - CROW	N	_	1/2" x 4-1/4"	Ð	
9/16" x 5-1/4"	M		9/16" x 4-1/4"	M	
49 - CROW	N		50 - CROWI	N	
9/16" x 3-5/8"	FJP (M)	_	1/2" x 3-7/16"	H	
			(		
54 - CROW	N		75 - BED MO	OULD	
1/2" x 2-1/4"	Ð	-	1/2" x 1-5/8"	Ð	

25 .orepac.c

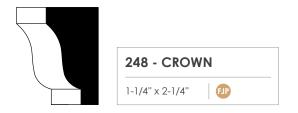








CROWN





	)
696 - WINDOW STOOL	
11/16" x 6-9/16" (M)	



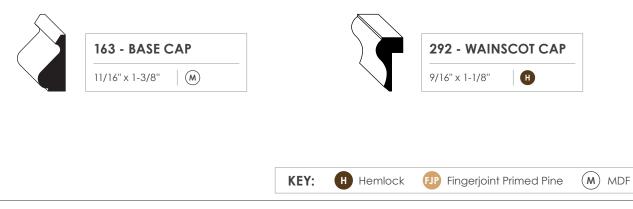




390 - CHAIR	RAIL
5/8" x 2-7/16"	H
11/16" x 2-5/8"	FJP



	300 - WA	INSCOT CAP
3/4" x 2"	3/4" x 2"	M



# The finishing touches

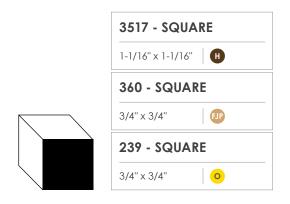
to transform any room

Kar -

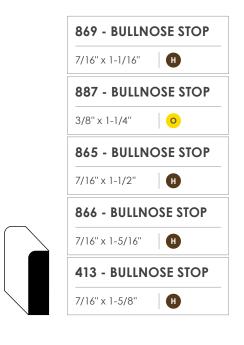


3228 - FULL ROUND		3226 - FULL ROUND
1-1/2"		1-5/16"
		106 - QUARTER ROUND
		11/16" x 11/16" 🛛 💷
		3206 - QUARTER ROUND
		11/16" x 11/16" H
3212 - HALF ROUND		105 - QUARTER ROUND
3/4" H		3/4" x 3/4" O
		3201 - QUARTER ROUND
108 - QUARTER ROUND		3/8" x 3/8"
1/2" x 1/2"		
	$\frown$	111S - QUARTER ROUND



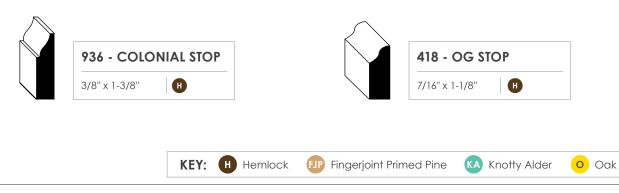
















BRICKMOULD | SHAKE MOULD | HAND RAIL











**FJP** Fingerjoint Primed Pine

KEY: H Hemlock

KA Knotty Alder

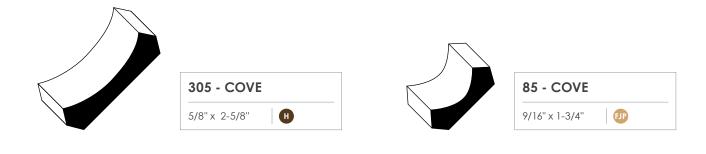
O Oak



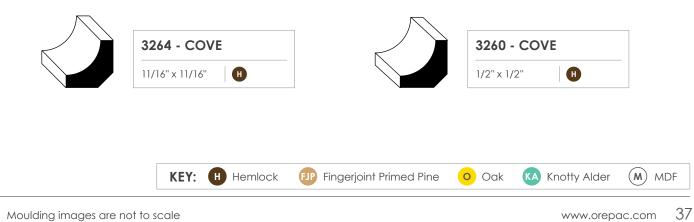








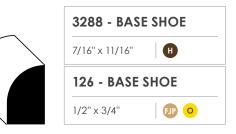




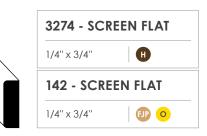


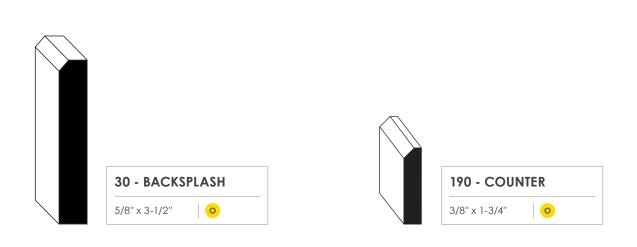


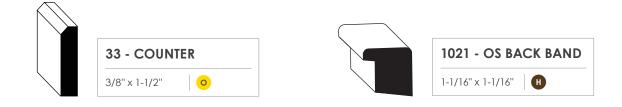














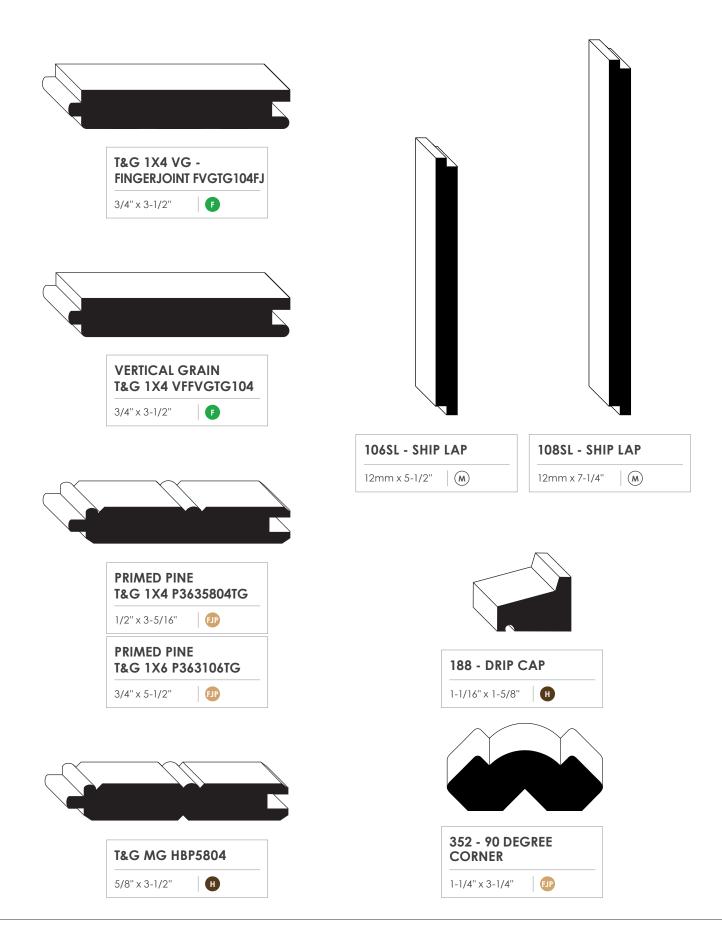
Oak



# Elegance is in the details

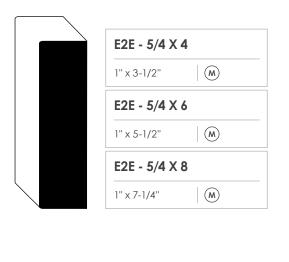
**PA** 

3



E2E - 1/2 X 2	E2E - 1/2 X 5	
1/2" x 1-1/2"	1/2" x 4-1/2"	
E2E - 1/2 X 3	E2E - 1/2 X 6	
1/2" x 2-1/2"	1/2" x 5-1/2"	
E2E - 1/2 X 4	E2E - 1/2 X 8	E2E - 1/2 X 10
1/2" x 3-1/2"	1/2" x 7-1/4"	1/2" x 8-1/4"

E2E - 1 X 2	E2E - 1 X 5	E2E - 1 X 8
11/16" x 1-1/2"	11/16" x 4-9/16"	11/16" x 7-1/4"
E2E - 1 X 3	E2E - 1 X 6	E2E - 1 X 10
11/16" x 2-1/2"	11/16" x 5-1/2" (M)	11/16" × 9-1/4" (M)
E2E - 1 X 4	E2E - 1 X 7	E2E - 1 X 12
11/16" x 3-1/2" (M)	11/16" x 6-9/16"	11/16" x 11-1/4" (M)



KEY:

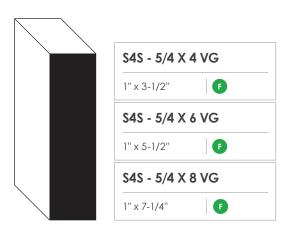
H Hemlock FJP Fingerjoint Primed Pine

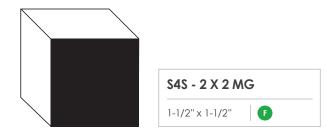
MDF

F Fir

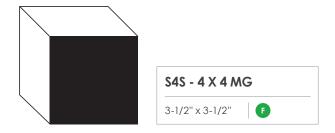
\$4\$ - 1/2 X 4 VG
1/2" x 3-1/2"
S4S - 1/2 X 6 VG
1/2" x 5-1/2"
S4S - 1/2 X 8 VG
1/2" x 7-1/4"

S4S - 1 X 2 VG	S4S - 1 X 5 VG	
3/4" x 1-1/2"	3/4" x 4-9/16"	
S4S - 1 X 3 VG	S4S - 1 X 6 VG	S4S - 1 X 10 VG
3/4" x 2-1/2"	3/4" x 5-1/2"	3/4" x 9-1/4"
S4S - 1 X 4 VG	S4S - 1 X 8 VG	S4S - 1 X 12 VG
3/4" x 3-1/2"	3/4" x 7-1/4"	3/4" x 11-1/4"





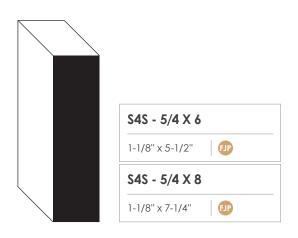
S4S - 2 X 3 VG	S4S - 2 X 8 VG
1-1/2" x 2-1/2"	1-1/2" x 7-1/4"
S4S - 2 X 4 VG	S4S - 2 X 10 VG
1-1/2" x 3-1/2"	1-1/2" x 9-1/4"
S4S - 2 X 6 VG	S4S - 2 X 12 VG
1-1/2" x 5-1/2"	1-1/2" x 11-1/4"





S4S - 1/2 X 4
1/2" x 3-1/2"
S4S - 1/2 X 6
1/2" x 5-1/2"



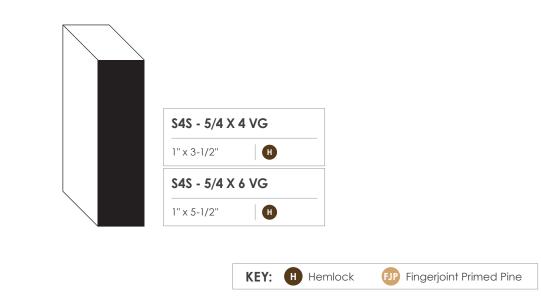


S4S - 1/2 X 4
1/2" x 3-1/2"
S4S - 1/2 X 6
1/2" x 5-1/2" H



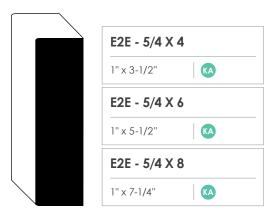
S4S - 1 X 2 VG	S4S - 1 X 5 VG	S4S - 1 X 8 VG
3/4" x 1-1/2" Н	3/4" x 4-1/2" H	3/4" x 7-1/4"
\$4\$ - 1 X 3 VG	S4S - 1 X 6 VG	S4S - 1 X 10 VG
3/4" x 2-1/2" H	3/4" x 5-1/2" H	3/4" x 9-1/4"
S4S - 1 X 4 VG	S4S - 1 X 7 VG	S4S - 1 X 12 VG
3/4" x 3-1/2"	3/4" x 6-1/2"	3/4" x 11-1/4"

S4S - 1 X 2 MG	S4S - 1 X 5 MG	
3/4" x 1-1/2" Н	3/4" x 4-1/2"	
\$4\$ - 1 X 3 MG	S4S - 1 X 6 MG	S4S - 1 X 10 MG
3/4" x 2-1/2" H	3/4" x 5-1/2"	3/4" x 9-1/4"
\$4\$ - 1 X 4 MG	S4S - 1 X 8 MG	S4S - 1 X 12 MG
3/4" x 3-1/2"	3/4" x 7-1/4"	3/4" x 11-1/4"



## KNOTTY ALDER BOARDS

		E2E - 1 X 8
		3/4" x 7-1/4"
E2E - 1 X 2	E2E - 1 X 5	E2E - 1 X 10
3/4" x 1-1/2"	3/4" x 4-1/2"	3/4" x 9-1/4"
E2E - 1 X 3	E2E - 1 X 6	E2E - 1 X 10 EG
3/4" x 2-1/2" KA	3/4" x 5-1/2" KA	3/4" x 9-1/4"
E2E - 1 X 4	E2E - 1 X 7	E2E - 1 X 12
3/4" x 3-1/2"	3/4" x 6-1/2"	3/4" x 11-1/4"





S4S - 1/2 X 2	
1/2" x 1-1/2" 0 POP	
S4S - 1/2 X 3	S4S - 1/2 X 6
1/2" x 2-1/2" 0 POP	1/2" x 5-1/2" 0 0
S4S - 1/2 X 4	S4S - 1/2 X 8
1/2" x 3-1/2" O POP	1/2" x 7-1/4" 0 POP

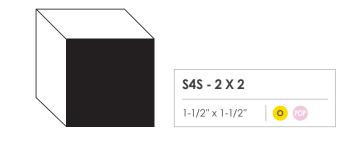
Moulding images are not to scale

Oak

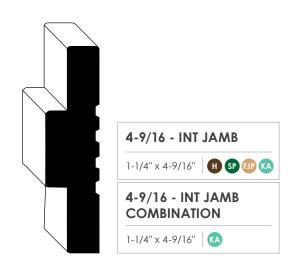
POP Poplar

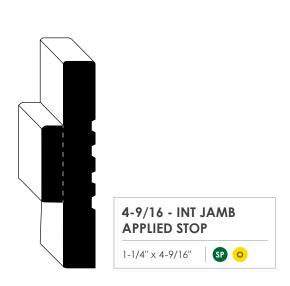
KEY: KA Knotty Alder

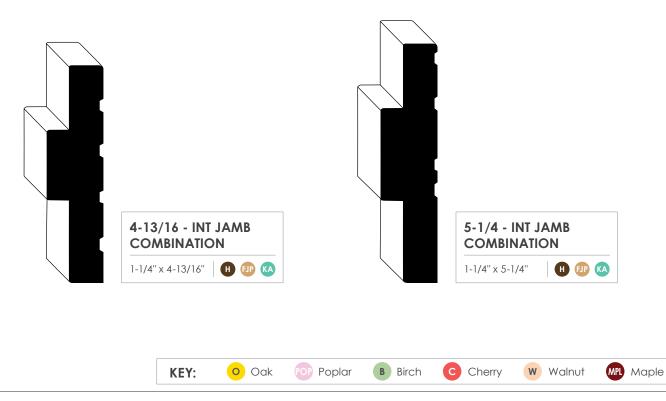
<b>S4S - 1 X 2</b> 3/4" x 1-1/2"   O CO B C W (MP)		
S4S - 1 X 3     3/4" x 2-1/2"     O   O     W	S4S - 1 X 6 3/4" × 5-1/2"   O O B C W W	S4S - 1 X 10       3/4" x 9-1/4"
<b>S4S - 1 X 4</b> 3/4" x 3-1/2" 0 00 00 00 00 C W (R)	S4S - 1 X 8   3/4" × 7-1/4"	<b>S4S - 1 X 12</b> 3/4" x 11-1/4" 0 00

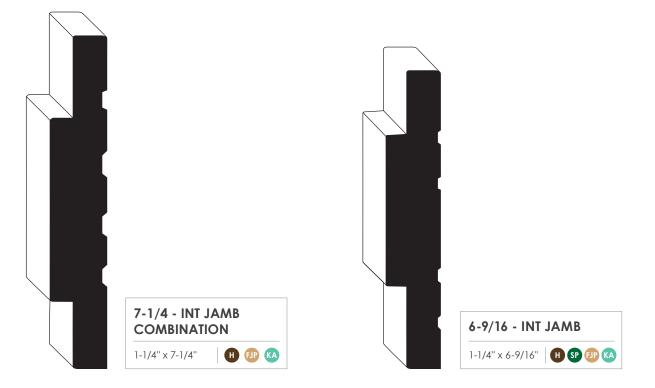


















#### PLINTH

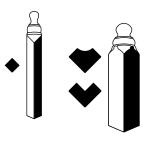
MDF Plinth Block	HCPBMDFP	3-1/2" x 6-1/2"	M
Plinth Block	НСРВ	3-1/2" x 6-1/2" x 3/4"	KA
Plinth Block	HCPBS	2-1/2" x 4"	KA

### ROSETTE

SP Solid Pine

MDF Rosette Square Corner	HCSCMDF2	2-3/4" x 2-3/4" x 3/4"	M
MDF Rosette Square Corner	HCSCMDF3	3-1/2" x 3-1/2" x 3/4"	M
Rosette Square Corner	HCSCSGS	2-3/4" x 2-3/4" x 3/4"	KA
Rosette Square Corner	HCSCSG	3-1/2" x 3-1/2" x 3/4"	KA
Fluted Rosette	HC101R	3-1/2" x 3-1/2"	KA
Fluted Rosette	HC109R	2-1/2" x 2-1/3"	KA

#### **UNIVERSAL BASE CORNERS**



H Hemlock

Universal Base Inside Corner	HCUBI	7-1/4"	H
Universal Base Outside Corner	HCUBO	7-1/4"	H
Universal Base Outside Corner Radius	HCUBOR	7-1/4"	H
Universal Base Inside Corner	HC388UISC	7-1/4"	КА
Universal Base Outside Corner	HC389UOSC	7-1/4"	KA

KA Knotty Alder (M)

(M) MDF

KEY:





© 2021 OrePac Building Products. All rights reserved. OP-TA\_0821