



Complete Collection for  
Straight Lengths, Curves and Arches

Hardwoods

ArchPolymer™

GRG-NeoPlaster™

Flexible ResinMold®



## How to Create Wall Boxes (Boiserie)

It is commonly felt that by adding details you make a space smaller. In fact, it is the opposite. By adding details, you create an illusion of greater space and wonderful interest.

### Proportions and Phi

By using the Golden number (1.618) as your guideline, you proportion your wall boxes. Let Phi be your guide, approximately (61.8%) on top, (38.2%) on the bottom under the chair-rail. To make it easy you can use 2/3rd & 1/3 ratio.

### Step 1: Planning

Select from the vast selection of panel molds and casings in this book. Pick a wider casing for chairrail and smaller panel molds for interior boxes. Do all the measuring with a pencil and spirit level before you install. Mark on the wall where the moulding will be placed. Get all your materials before you start.



### Step 2: Safety First

Use an electric probe to identify electric wires. When you install, do not puncture a wire. On inside walls you must also consider water pipes.

### Step 3: Planning & Layout for a Full Wall

Employ Phi to determine the proportion for the placement of the chair-rail. Measure from the bottom of the crown/frieze to the bottom of the baseboard ie. the full area for division. The baseboard becomes part of the lower box. Calculate the portions. Mark on the wall using the level where the chair rail will be. Install the chair-rail first to provide a point of reference for the boxes.



### Step 4: Install Method see page 211

Use the approved BASF adhesive and brad nailer to affix the pilasters and chair rail to the wall. Butt joint the moulding together. Do not use 45 degree cuts to join to pieces together. Place adhesive on the pieces that join together as well as the back side which gets attached to the wall.



Crown/Frieze IPNP4249 Page 171  
Chairrail: IPNP8001 Page 190  
Fluted Pilasters: Page 71  
Statues: IPNP4484 Page 209

### Step 5: Planning the Elements

Find the center of the wall and mark the spot. Apply a main applique and corners to the center of the top area of the wall.

Used here are from Page 189  
Center IPNP4384 Corners IPNP4413  
Straight Panel Mold IPNP4300



### Step 6: Planning & Layout for Boxes

Draw out the boxes from the center point on the wall. The top of the box should be 2" (5cm) down from the bottom of the crown and chairrail. The panel mold that creates the boxes should be smaller than the Chair Rail. Allow 2" (5cm) between each box. For fast measuring, use the width of the spirit level to mark on the wall as your guide. Look at each wall section as if it is independent from the rest of the room. For example, rather than making one box under a window, divide it into 3 sections. The middle box should be larger.





### Step 7: Adding More Elements

Rosettes will be added to the radius corners see 188

### Step 8: Finishing Notes

Fill any gaps with Poly Spackling Compound and use a wet cloth to remove the excess. The Spackling does not crack as plaster would and should not sink as latex caulking will over time. It is sandable so that you can make it perfect before painting. The brad nails will leave little holes to be filled.

Idea 1: Paint the bottom boxes one color (ie linen) and the top section another color for variance

Idea 2: Paint the panel molds white and the background a different color than the wall

Idea 3: The top boxes are ideal for framing paintings or they can be decorated with other colors.

Idea 4: Inlay a damask wallpaper to give each box a pattern. Use a light color not to make it too heavy.

Idea 5: A touch of gold paint makes a royal statement.



### What to do with the Back of the Stairs

Medallion applied to the back of the stairs  
IPNP1060 Page 129

Corners: IPNP4413  
Panel Mold IPNP4300  
Page 189



### Make a Medallion Look Bigger - Use an Expansion Ring

Medallions should be 40% larger than the light fixture. Remember they were intended as fire barriers to gas lights.

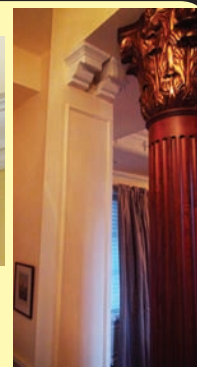
Make a medallion larger by adding an expansion ring and paint the ceiling between the ring and the medallion the same color as the medallion.

Rings: Page 138



### Terminating Crowns

1)  
**Corner Block**  
see page 173



2) **Modillion Blocks**  
Blocks: IPNP8110 Page 92  
egg/dart IPNP4257 Pg 167



Medallions  
& Ring  
Combo  
IPMEC1203  
Page 136



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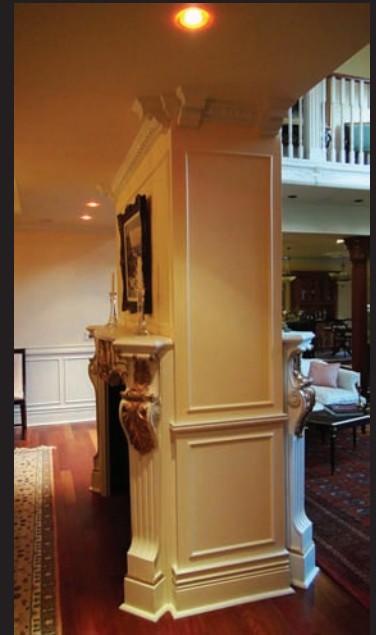
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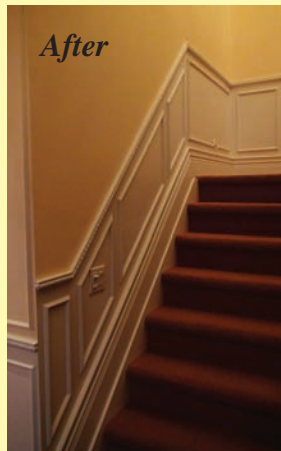
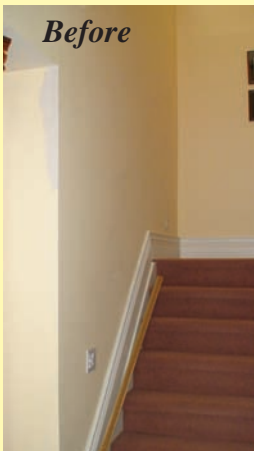
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Pilaster IPPIL5012  
ChairRail IPNP8100  
Panel Mold IPNP4300  
Corners IPNP4413  
Header painted Gold IPNP4384  
Rosettes IPNP4774  
Crown Frieze Combo IPNP4294

**Stairs come alive with the Wainscoting Panels**

**Use the Golden number (1.618) (Phi) for proportions**



Below is applied panel mold to the drywall.  
Boxes IPNP4324



Stairs are complex - start at the bottom and work your way up to the landing. Follow the baseboard as your guide to apply the boiserie. Once finished Paint the the desired color. By painting the bottom third Ivory, your upper paint color pops!



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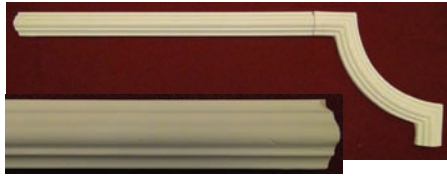
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# Boiserie: Walls & Ceilings

## IPNP4324 Suite



1/2" (1.3cm)



Width  
15/16"  
2.3cm

### IPNP4324

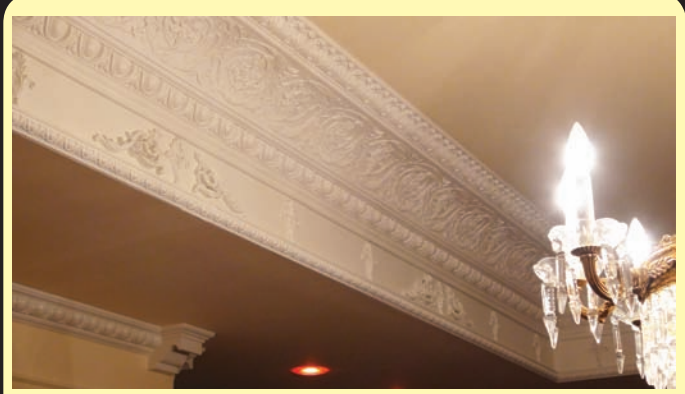
Straight Lengths 94-1/4" (2.4m)

### IPNP4324-RES

ResinMold™ for  
Custom Radius Arches  
Curves & Circles

### IPNP4413

5-1/8" x 5-1/8"  
13cm x 13cm



**Design Tip:** To elongate a crown over a bulkhead add a Panel Mold to the bottom of the bulkhead and add decorative appliques - paint uniform color

## IPNP4309 Suite



11/16" (1.7cm)



Width  
2-1/16"  
5.2cm

**IPNP4309** Straight Lengths  
94-1/4" (2.4m)

### IPNP4317-RES

ResinMold™ Custom Radius  
Arches, Circles, Curves

### IPNP4386

10" x 10"  
25.4 x 25.4cm



### IPNP4400

14-15/16" x 4-5/16"  
38cm x 11cm

## IPNP4300 Suite

### IPNP4300

Straight Lengths  
94-1/4" (2.4m)  
Width 1-9/16" (4cm)

### IPNP4413

Corner  
7-7/8" x 7-7/8"  
20cm x 20cm



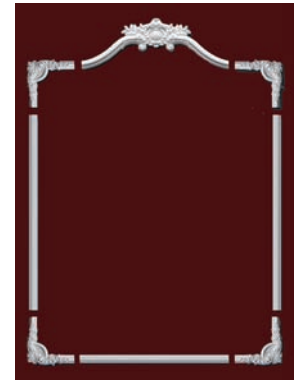
### IPNP4300-RES ResinMold™

Custom Radius Arches, Curves, Circles



### IPNP4384 Header

Width 25-9/16" (65cm)  
Height 9-1/16" (23cm)



**To Create a Mirror**  
Paint the back of the  
panel molds black  
and use silicone to  
adhere to a mirror



### IPNP4387

Corner  
10" x 10"  
25.4cm x  
25.4cm

## IPNP4317 Suite



### IPNP4407

6-1/8" x 6-1/8"  
15.5cm x 15.5cm



### IPNP4317

Straight Lengths  
94-1/4" (2.4m)  
Width 1-5/8" (4cm)  
Depth 9/16" (1.5cm)

### IPNP4401

8-1/4" x 8-1/4"  
21cm x 21cm



### IPNP4402

8" x 8"  
20.3 x 20.3cm



### IPNP4404

9-1/4" x 4-5/16"  
23.5cm x 23.5cm

### IPNP4317-RES

ResinMold™  
Custom Radius  
Arches, Circles, Curves

### IPNP4410

9-1/16" x 9-1/16"  
23cm x 23cm



## IPNP4105 Suite



**IPNP4105** 94-1/4" (2.4m)  
Width 1-11/16" (4.3cm) Depth 1-1/16"  
2.8cm

### IPNP4350

8-7/8" x 8-7/8"  
22.5cm x 22.5cm



### IPNP4105-RESSW

ResinMold™ (arches, Curves, Circles)

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**IPNP4136 Suite**  
  
 3/4" (1.9cm)  
 Width 2-1/16" 5.2cm  
**IPNP4136** Straight Lengths  
 94-1/4" (2.4m)  
**IPNP4136-RES**  
 ResinMold™ Custom Radius  
 Arches, Circles, Curves


**IPNP4366**  
 10" x 10"  
 25.4 x 25.4cm  



**IPNP8001 Suite**  
  
 13/16" (2.1cm)  
 Width 2-1/16" 6.5cm  
**IPNP8001** Straight Lengths  
 94-1/4" (2.4m)  
**IPNP8001-RES**  
 ResinMold™ Custom Radius  
 Arches, Circles, Curves

**IPNP8014**  
 Corner  
 9-7/16" x 9-7/16"  
 24x24cm  


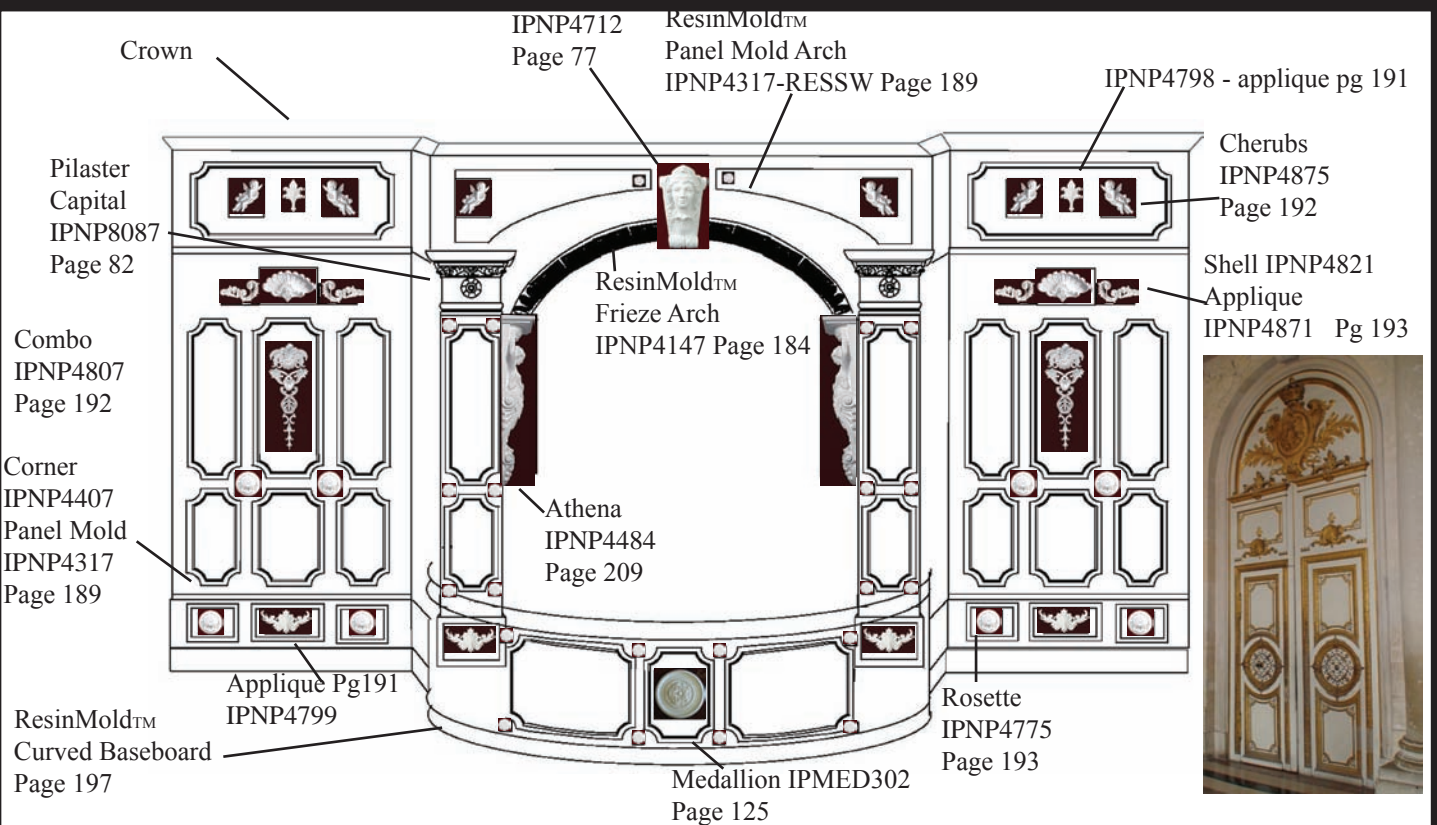
**Decorative Ideas**  
 Add a rosette to the concave corner section  


**IPCVA1021**  
 Sides 8" (20cm)  
 Depth 13/16" (2cm)  


**IPNP4380 IPNP4383**  
 10-5/8" x 10-5/8"  
 27cm x 27cm  


**IPNP4388** Header  
 Length 39" (99cm)  
 Height 13-1/4" (33.7cm)  


**Boiserie for Custom Design Stages, Movie Sets & Home Theatres**



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# Smooth Panel Molds: Straight, Arched or Curved

Martin Richards Design.  
COLLECTION

## Materials

Hardwoods  
Poplar  
Oak, Maple  
Cherry  
Mahogany  
Pine(exterior)

ArchPolymer™  
Interior &  
Exterior an  
artificial wood  
resists rot,  
water, insects  
Primed White  
Straight

ResinMold™  
Interior &  
Exterior  
Stains Dark  
or Paint

2 Grades:  
\*Premium  
\*Superwiggly  
Arches  
Custom made  
as per the  
radius  
Circles  
Curves  
Concave &  
Convex



NeoPlaster™  
GRG Interior  
Strong Fiber-  
glass enforced  
tape & mud in  
place

Zeament™  
Lite cement  
Exterior  
12 Finishes

StoneMold™  
11 Finishes  
Interior



**IPCAS1000** 11/16" (1.7cm)  
Depth 3/8" .95cm

**IPCAS1002** 1-1/16" (2.7cm)  
Depth 3/8" .95cm

**IPKPM026** 1-5/8" (4.12cm)  
Depth 3/4" 1.9cm

**IPKPM032** 11/16" (1.7cm)  
Depth 3/8" .95cm

**IPKPM031** 1-1/2" (3.81cm)  
Depth 3/4" 1.9cm

**IPCAS1005** 1-3/4" (4.4cm)  
Depth 1/2" 1.27cm

**IPKPM033** 11/16" (1.7cm)  
Depth 7/16" 1.1cm

**IPKPM025** 1-1/4" (3.1cm)  
Depth 3/4" 1.9cm

**IPKPM027** 2-1/4" (5.68cm)  
Depth 1-1/4" 3.17cm

**IPKPM001** Wide 3/4" (1.9cm)  
Depth 3/8" .95cm

**IPKPM010** 1-1/4" (3.1cm)  
Depth 7/16" 1.12cm

**IPJP5005** 2-3/4" (6.9cm)  
Depth 1-1/2" 3.8cm

**IPKPM004** 3/4" 1.9cm  
Depth 7/16" 1.12cm

**IPCAS1003** 1-1/4" (3.1cm)  
Depth 7/16" 1.2cm

**IPJP5006** 2-3/4" (6.9cm)  
Depth 9/16" 1.5cm

**IPKPM024** 3/4" (1.9cm)  
Depth 1/2" 1.27cm

**IPCAS1006** 1-5/16" (3.3cm)  
Depth 1-5/16" 3.34cm

**IPKPM030** Diagonal 1-7/8" (4.76cm)  
Cutout 3/4" (1.9cm)  
Flange 1/4" (.6cm)

**IPKPM009** 7/8" (2.2cm)  
Depth 1/2" 1.27cm

**IPCAS1001** 1-3/8" (3.4cm)  
Depth 7/16" 1.12cm

**IPKPM028** Deep 1/2" 1.27cm  
Wide 7/8" (2.2cm)  
Cutout 1/4"x1/4" .63cm

**IPKPM034** 7/8" (2.2cm)  
Depth 1/2" 1.27cm

**IPKPM003** 1-1/4" (3.1cm)  
Depth 5/8" 1.58cm

**IPKPM040** 1-5/8" (4.1cm)  
Depth 3/4" 1.9cm  
1/4" (.6cm)

**IPJP5004** Depth Wide 3/4" 1" 1.9cm 2.5cm

**IPKPM002** 1-5/8" (4.1cm)  
Depth 3/4" 1.9cm

**IPKPM005** 1-1/16" (2.7cm)  
Depth 7/16" 1.12cm

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# Smooth Panel Molds: Straight, Arched or Curved

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COLLECTION

## Materials

Hardwoods  
Poplar  
Oak, Maple  
Cherry  
Mahogany  
Pine(exterior)

ArchPolymer™  
Interior &  
Exterior an  
artificial wood  
resists rot,  
water, insects  
Primed White  
Straight

ResinMold™  
Interior &  
Exterior  
Stains Dark  
or Paint

2 Grades:  
\*Premium  
\*Superwiggly  
Arches  
Custom made  
as per the  
radius  
Circles  
Curves  
Concave &  
Convex

NeoPlaster™  
GRG Interior  
Strong Fiber-  
glass enforced  
tape & mud in  
place

Zeament™  
Lite cement  
Exterior  
12 Finishes

StoneMold™  
11 Finishes  
Interior



**IPKPM020**

Wide 1-1/8" (2.85cm) Deep 13/16" (2.08cm)

**IPNP4137** Wide 1 (2.54cm) Deep 5/8" (1.6cm)

**Burlap**

**IPKPM006** Wide 1-1/4" (3cm) Deep 5/16" (.8cm)

**IPKPM007** Wide 1-5/8" (1.5cm) Deep 5/16" (.8cm)

**IPKPM022** Wide 2" (5cm) Deep 5/16" (.8cm)

**IPKPM008** Wide 1-1/4" (3.1cm) Deep 5/16" (.8cm)

**IPKPM023** Wide 1-5/8" (4cm) Deep 5/16" (.8cm)

**IPKPM029** 1-3/8" (3.4cm)

Cutout 1/2" x 1/4" (1.2x.63cm) Deep 13/16" (.48cm)

**IPWM89** Wide 2-3/4" (6.9cm) Deep 1" (2.54cm)

**Half Round**

**IPWIN91351** Wide 3/16" (.2cm) Deep 3/32" (.23cm)

**IPWIN91353** Wide 1/4" (.63cm) Deep 1/8" (.31cm)

**IPWIN91355** Wide 3/8" (.95cm) Deep 3/16" (.48cm)

**IPWIN91357** Wide 1/2" (1.27cm) Deep 1/4" (.63cm)

**IPKPM021** Cutout 9/16" (1.4cm)

Wide 1-3/8" (3.49cm) Deep 1-1/8" (2.85cm)

**IPKPM041** 2-1/4" (5.7cm)

Deep 1-5/8" (4.12cm)

Cutout 3/4" x 7/16" => 1.9 x 1.1cm

**Corner Guard**

**IPCRN01** Wide 3/4" (1.9cm) Deep 3/4" (1.9cm)

**IPCRN02** Wide 1" (2.5cm) Deep 1" (2.5cm)

**IPCRN04** Wide 1" (2.5cm) Deep 1" (2.5cm)

**IPWM205** Wide 1-1/8" (2.8cm) Deep 1-1/8" (2.8cm)

**IPCRN03** Wide 1-1/4" (3cm) Deep 1-1/4" (3cm)

**IPJP5000** Deep 5/8" (1.58cm)

Wide 1-1/4" (3.1cm)

**1/2 Rope**

**IPWIN91405** 1/2" (1.27cm)

**IPWIN91409** 3/4" (1.9cm)



**IPWIN9981** Width 5/8" (1.5cm) Depth 3/8" (.95cm)

**IPWIN91174** Deep 1/2" (1.27cm)

Wide 1" (2.5cm)

**IPBAM61** Deep 3/8" (10cm)

Wide 3/4" (1.9cm)

**IPWM88** Wide 1-1/2" (3.81) x 3/4" (1.9cm)

**IPBAM81** Deep 1/4" (.63cm)

Wide 3/4" (1.9cm)

**IPWIN91668** Deep 1/4" (.63cm)

Wide 3/4" (1.9cm)

**IPBAM63** Deep 3/4" (1.9cm)

Wide 1-1/4" (3.2cm)

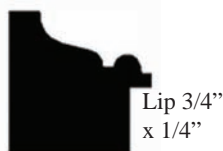
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## IPBB1001

Wide  
1-5/8"  
4.12cm



## IPBB1000

Wide  
1-1/4"  
3.17cm

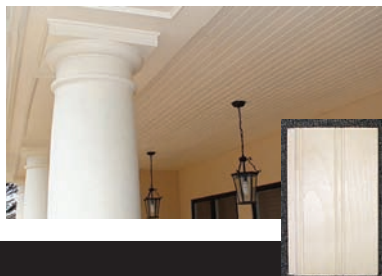


## IPBT600

Face after Join

Wide  
2-7/8"  
(7.3cm)

Deep 3/8"  
(.95cm)



## Half Rounds

**IPHR170** Wide 1/2" (1.27cm) x Deep 1/4" (.63cm)

**IPHR171** Wide 3/4" (1.9cm) x Deep 3/8" (.95cm)

**IPHR178** Wide 5/8" (1.58cm) x Deep 1-1/4" (3.17cm)

**IPHR172** Wide 1" (2.5cm) x Deep 1/2" (1.27cm)

**IPHR103** Wide 9/16" (1.42cm) x Deep 1-1/8" (2.85cm)

**IPHR177** Wide 1-5/8" (4.1cm) x Deep 13/16" (2.08cm)

**IPHR179** Wide 2" (5.08cm) x Deep 1" (2.54cm)

**IPHR101** Wide 2" (8.89cm) x Deep 1-1/2" (3.81cm)

**IPHR100** Wide 2-1/2" (6.35cm) x Deep 1-1/4" (3.17cm)

**IPHR173** Wide 3" (7.62cm) x Deep 1-1/2" (3.81cm)



## IPHR104

Wide 3-1/2" (8.89cm) Deep 1-3/4" (4.4cm)

## IPHR102

Wide 3-7/8" (9.84cm) x Deep 1-3/4"

## IPHR105

Wide 6" (15.24cm) x Deep 3" (7.62cm)



## BARRAIL



3-5/8"  
9.2cm  
Rise  
1-13/16"  
4.62cm  
1-1/4"  
3.175cm

## IPBR451

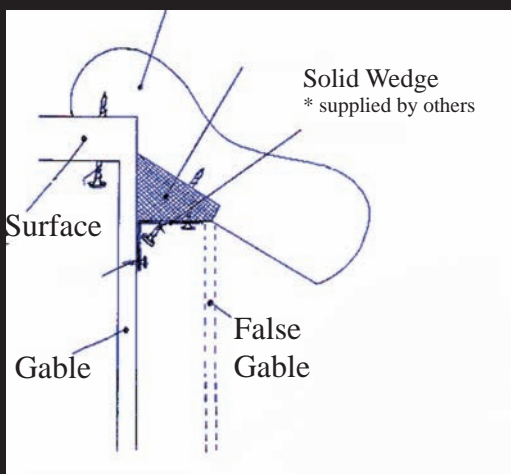
Knotty Pine (has knots)  
Red Oak  
Maple  
Cherry



5-5/16"  
13.5cm  
Rise  
2-3/4"  
6.985cm  
1-3/4"  
4.445cm

## IPBR450 Large

Knotty Pine (has knots)  
Red Oak, Maple, Cherry, Mahogany





Complete Collection for  
Straight Lengths, Curves and Arches

Hardwoods

ArchPolymer™

GRG-NeoPlaster™

ResinMold®





# Frieze: Straight, Arched or Curved

Martin Richards Design-  
COLLECTION

## Materials

Hardwoods  
Poplar  
Oak, Maple  
Cherry  
Mahogany  
Pine(exterior)

ArchPolymer™  
Interior &  
Exterior an  
artificial wood  
resists rot,  
water, insects  
Primed White  
Straight

ResinMold™  
Interior &  
Exterior  
Stains Dark  
or Paint  
2 Grades:  
\*Premium  
\*Superwiggly  
Arches  
Custom made  
as per the  
radius  
Circles  
Curves  
Concave &  
Convex



NeoPlaster™  
GRG Interior  
Strong Fiber-  
glass enforced  
tape & mud in  
place

Zeament™  
Lite cement  
Exterior  
12 Finishes

StoneMold™  
11 Finishes  
Interior



**IPJP9105** 2" (5cm)



Depth 1/2" (1.27cm)

**IPJP9103** 2-5/8" (6.6cm)



Depth 5/8" (1.5cm)

**IPJP9100** 3" (7.6 cm)



Depth 15/16" (2.4cm)

**IPJP9101** 3" (7.6 cm)



Depth 5/8" (1.5cm)

**IPNP4107** 3-3/16" (8.1cm)



Depth 1/2" (1.2cm)

**IPNP4121** 3-1/4" (8.2cm)



Depth 5/8" (1.5cm)

**IPFR1200** 3-1/4" (8.2cm)



Depth 1" (2.5cm)

**IPNP4103** Deep 13/16" (2cm)



Wide 5-1/8" (13cm)

**IPNP4123** 4-15/16" (12.7cm)



Depth 9/16" (1.4cm)

**IPNP4122** 5" (12.7cm)



Depth 5/8" (1.58cm)

**IPNP4167** 6" (15.2cm)



Depth 1-1/8" (2.9cm)

**IPNP4108** 6-5/16" (16cm)



Depth 2" (5cm)

**IPNP4145** 7-1/16" (18cm)



Depth 1" (2.5cm)

**IPNP4153** 7-1/16" (18cm)



Depth 1" (2.5cm)

**IPNP4154** 7-1/16" (18cm)



Depth 1" (2.54cm)

**IPNP4147** 7-1/16" (18cm)



Depth 1" (2.5cm)

**IPNP4157** 7-7/8" (20cm)



Depth 1-3/16" (3.5cm)

**IPNP4158** 7-7/8" (20cm)



Depth 1-3/16" (3.5cm)

**IPNP4117** 7-7/8" (20cm)



Deep 1-7/8" (4.7cm)

**IPNP4161** 7-7/8" (20cm)



Depth 1-3/16" (3.5cm)

**IPFR1000** 8" (20cm)



Deep 1-3/4" (4.44cm)

**IPFR1001** 8-1/4" 21cm



Depth 1-7/16" (3.7cm)

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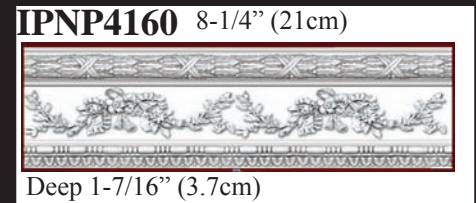
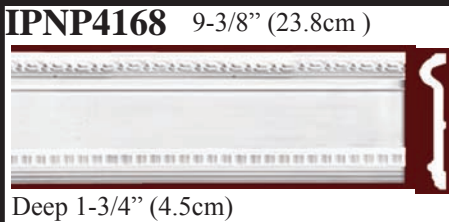
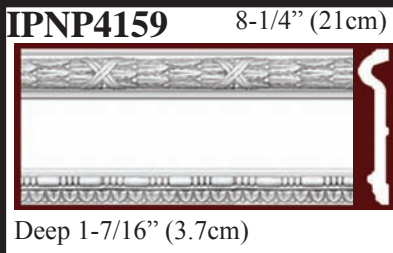
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# Frieze: Straight, Arched or Curved

Martin Richards Design-  
COLLECTION



**IPNP4377**  
24" x 24" (61 x 61cm)  
Depth 1-3/4" (4.5cm)



**IPNP4376**  
for mirrors  
ceilings  
walls

24" x 24" (61 x 61cm)  
Depth 1-3/4" (4.5cm)

**Design Tip: Create the Perfect Door Header**

IPNP4168 & IPNP4376 Insert is perfect for headers above door or windows. Extend the Frieze 1-1/2" past the top casing At each end of IPNP6168 do a 45 deg cut back to the wall

## CUSTOM RINCEAU

Architectural Element of Rinceau that is flexible to curve around a staircase stringer or exterior of building. Made from ResinMold™ it is impervious to water.



From Drawings to a Wood Carved Plug to ... Flexible molding to wrap outside of a staircase stringer or side of building



\* All prices & specifications subject to change without notice, Final products & Measurements may vary from this brochure



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