



A Guide to Installing Boiserie for Walls & Ceilings

Boiserie is the Art of wall and ceiling decoration. Select from Classical to simple Colonial styles to enhance a space and make it look larger. Elements are available in 4 materials.



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Hand Carved Hardwoods

Maple, Cherry, Alder,
Red & White Oak,

ArchPolymer™

for Straight Lengths
Artificial wood, White Primed
Rot, Insect, Water Resistant
Interior & Exterior Use

Flexible ResinMold®

Arches, Straight Lengths
Concave & Convex Curves
Water, Rot, Insect Resistant
Flexible Synaptic Polymer
Memory keeps shape
Exterior or Interior Applications
Paint or Stain



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GRG-NeoPlaster™

a new plaster material
Arches, Straight Lengths
Concave & Convex Curves
Interior Use only



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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 i.e. 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

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 pieces together. Place adhesive on the pieces that join together as well as the back side which gets attached to the wall.



Step 5: Planning the Elements

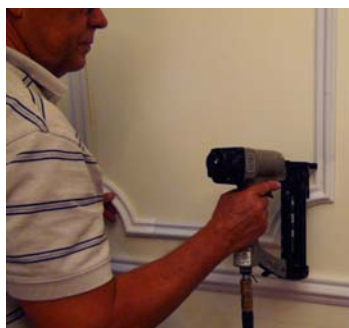
Find the center of the wall and mark the spot. Apply a main applique and corners to the center of the top area of the wall.

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.



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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.



Make a Medallion Look Bigger - Use a 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.



Medallions
& Ring
Combo
IPMEC1203

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



Terminating Crowns

1)
Corner Block



2) Modillion Blocks

Blocks: IPNP8110
egg/dart IPNP4257



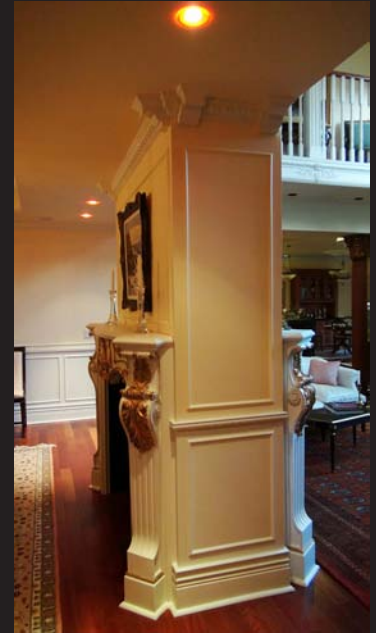
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Martin Richards Design..
COLLECTION



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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ResinMold® Flexible Moulding

Fill in Forms Circle, Arches, Curves

ResinMold® is a synaptic polymer with memory. There are 1000's of profiles for curves, arches and circles. Everyone of our Casing, Brickmold, Baseboards, Panel Molds, Frieze can be made from ResinMold®. It comes primed ready to paint or stain with a gel stain.



Send us Tracing or photos for Moulding Matching



Arches are made as per the radius. Although it is flexible you cannot bend it in place without it splitting over time. Measure the radius from the inside of the arch.



Eyebrow Arches are made as per the radius as well. You can order matching straight profiles for vertical casing needs.



Complex Crown arches require special attention. Contact our Sales department for guidance.

Note:
Minimum Radius 3 x the Width



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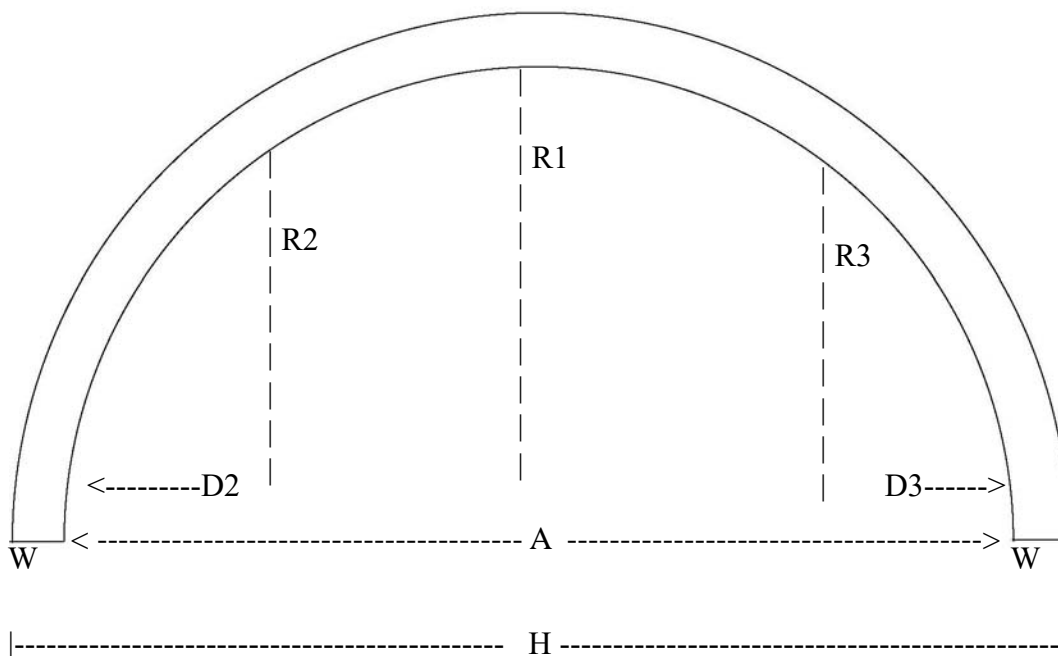
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ResinMold® Flexible Moulding

True Half Circle Arch

Elevation



A= Bottom Horizontal (Inside) _____ $A = H - (W \times 2)$

H= Outside Horizontal _____

R1= Mid Rise (Inside) _____

R2= Rise 1/4 way _____ D2= _____

R3= Rise 1/4 way _____ D3= _____

W = Width Casing

Orientation of Moulding (circle)

A) High on Left B High on Right



How Many Arches: _____
Total Inside + Outside

Wood Grain or Smooth

Profile # _____

or Custom Match

PROJECT TAG:

COMPANY _____

NAME: _____

ADDRESS

EMAIL

PHONE



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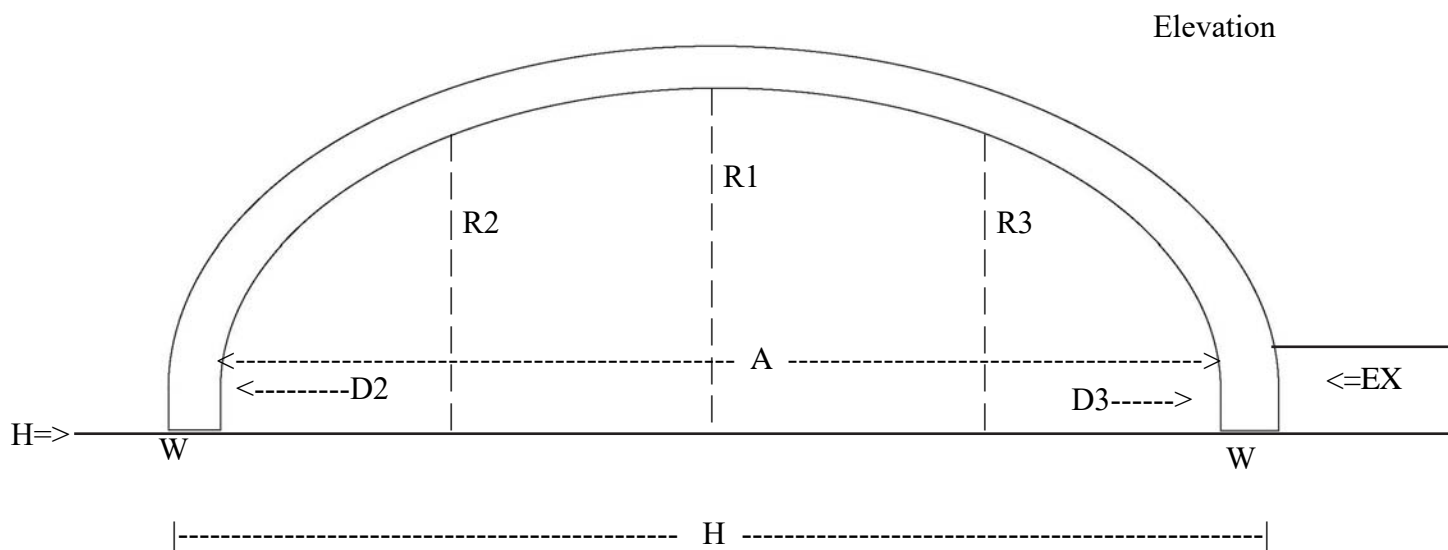
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ResinMold® Flexible Moulding

Eyebrow Arch Extended



A= Bottom Horizontal (Inside) _____ Arch Ends

H= Door / Window Top Casing Width _____

Rises all from H Line

R1= Mid Rise (Inside) _____

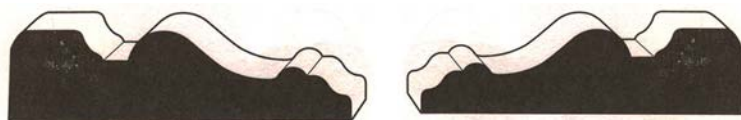
R2= Rise 1/4 way _____ D2= _____

R3= Rise 1/4 way _____ D3= _____

EX = Extension Height _____

Orientation of Moulding (circle)

A) High on Left B) High on Right



How Many Arches: _____

Total Inside + Outside

Wood Grain or Smooth

Profile # _____

or Custom Match

PROJECT TAG:

COMPANY _____

NAME: _____

ADDRESS

EMAIL

PHONE



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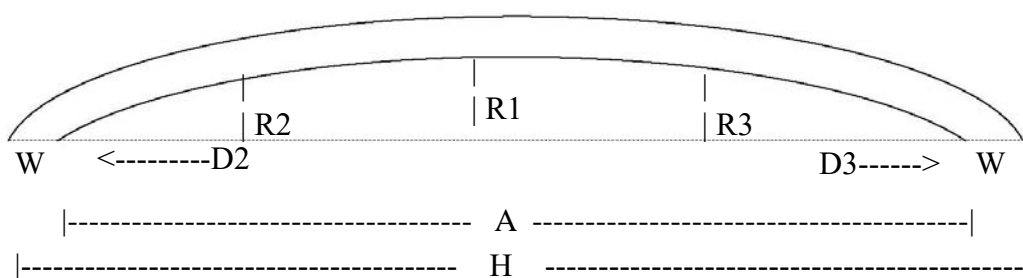


ResinMold® Flexible Moulding

Eye brow Arch



Elevation



A= Bottom Horizontal (Inside) _____

H= Door / Window Top Casing Width _____

R1= Mid Rise (Inside) _____

R2= Rise 1/4 way _____ D2= _____

R3= Rise 1/4 way _____ D3= _____

Orientation of Moulding (circle)

A) High on Left B High on Right



How Many Arches: _____
Total Inside + Outside

Wood Grain or Smooth

Profile # _____

or Custom Match

PROJECT TAG:

COMPANY _____

NAME: _____

ADDRESS

EMAIL

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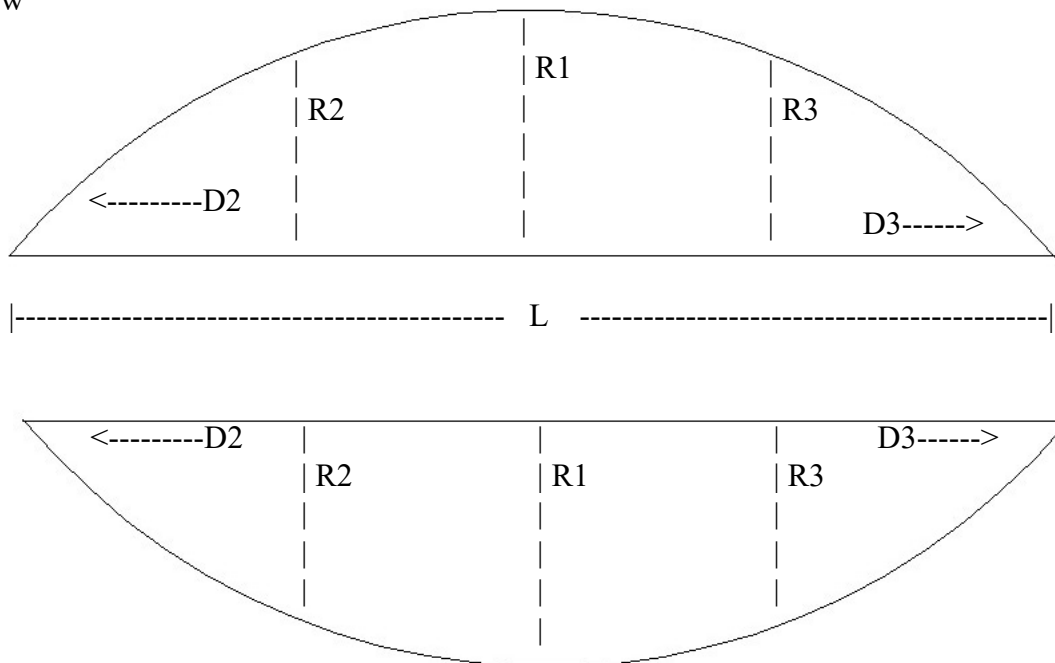
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ResinMold® Flexible Moulding Curved Wall for Baseboards, Crown

Plan View



L= Line Bottom Horizontal (Inside) _____

R1= Mid Concave (Inside) _____

R2= Concave 1/4 way _____ D2= _____

R3= Concave 1/4 way _____ D3= _____



How Many Curved Lengths

Wood Grain or Smooth

COMPANY _____ Name: _____

ADDRESS _____

EMAIL _____

PHONE _____

PROJECT TAG: _____



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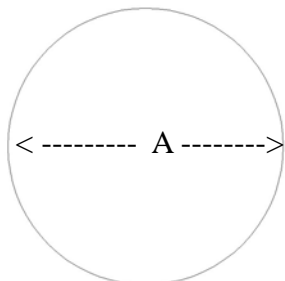


ResinMold® Flexible Moulding

Circular Windows or Column Bases/Caps

Plan View

1) CIRCLE



Diameter A _____

or Circumference _____

of Circles _____

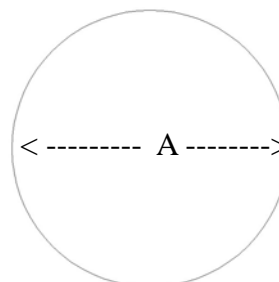
A= Diameter of Circle _____
Inside Diameter

or Circumference
Run a string and give us the length

How many Circles _____

Wood Grain or Smooth

2) COLUMN BASE / CAP



A= Diameter of Column Shaft

Outside Diameter

or Circumference
Run a string and give us the length

How many Columns _____

Wood Grain or Smooth

COMPANY _____ Name: _____

ADDRESS _____

EMAIL _____

PHONE _____

PROJECT TAG: _____



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ResinMold® Install Notes ... The solution to Trim Arches and Curves



1) Open the ResinMold®

Lay it out and allow it to warm up if cold. If made to a radius arch, it will form to the radius as the material has memory. Check the measurements as per your order.



6) Brad Nailer (do not use screws or nails)

When using a brad nailer try to affix them to indents or use the side of the moulding. They will sink into the material but may leave a small indentation which can be easily filled later.



Caution:

Use a probe for any hidden electrical wires or water pipes inside the wall before brad nailing.

2) Pre-Finishing

Do not prefinish the material prior to installation. The material may flex during installation and cause fractures in the finish.

3) Substrata Surface or Base

Since the material is flexible it will take the form of the base. If there are concave or convex bows in the base the material will follow these imperfections. Thus, the surfaces should be plum, clean, and even.

4) PreDetermine Placement or Layout

For angles, you can cut the material with any type of saw. Hold material firmly to table or fence when cutting.



5) Apply Adhesive

Use approved adhesive on back surface area.



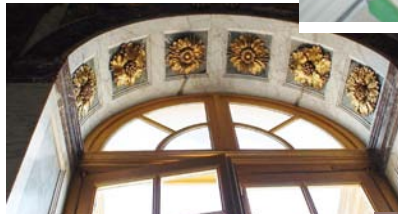
7) Allow to Dry then Paint

Once dried apply polyspackling compound for gaps between the wall and the moulding or joins between pieces. The material is primed ready for paint or stain.



8) Paint or Stain

Once dried faux finish or paint



These notes are suggestions only - consult with a professional for installations of complex situations.



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