

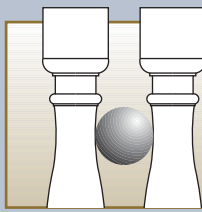


# BALUSTRADE SYSTEMS



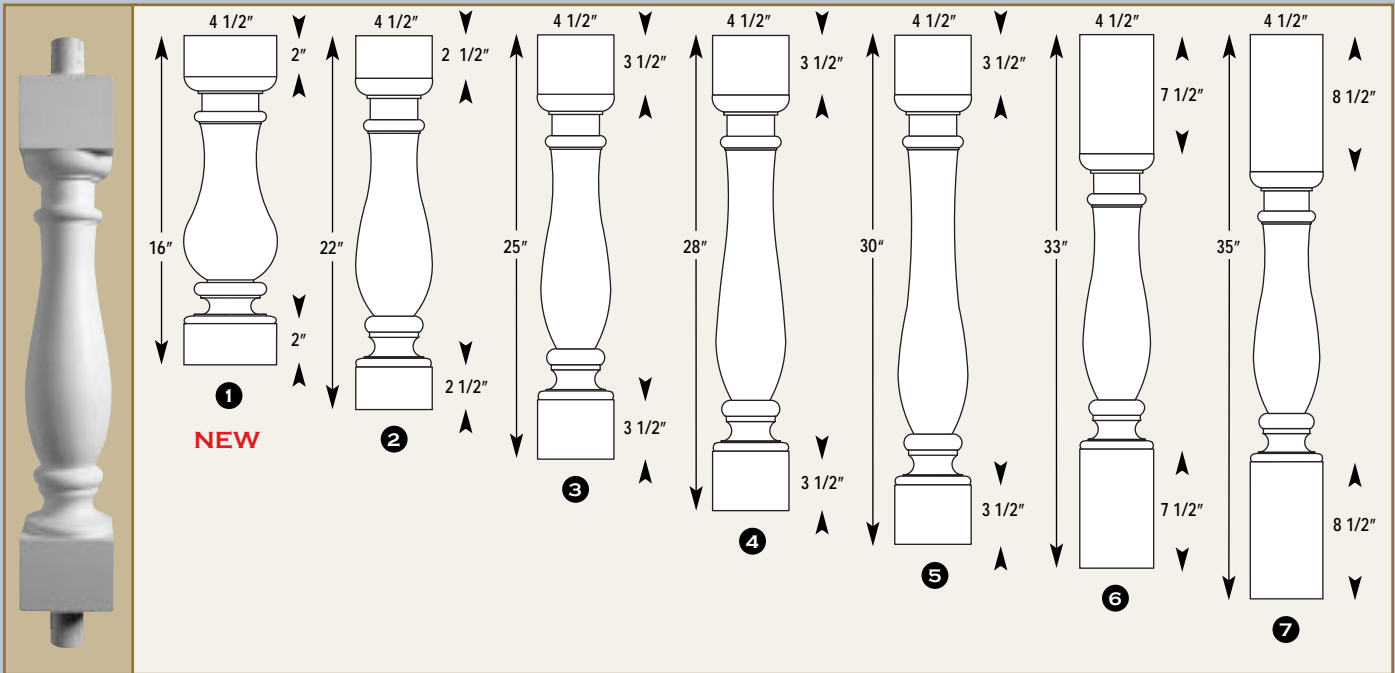
©copyright Tom Reifberg Productions

# BALUSTRADE SYSTEMS



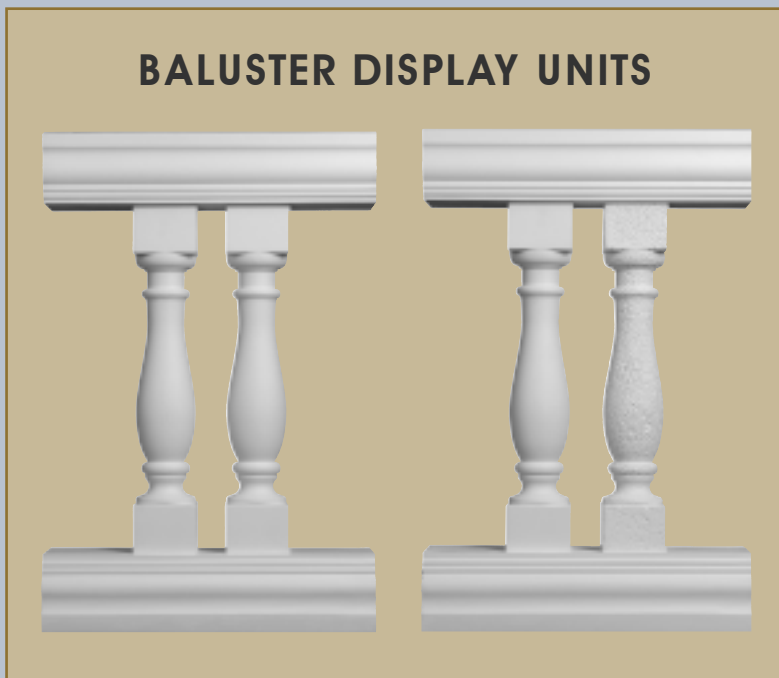
## 4" BALL RULE

To meet most building code regulations a 4" ball can't pass through the widest opening between balusters. Purchaser must check for system suitability in their area. Spectis makes no guarantee of suitability on any specific application.



- 1 BAL 2000-16
- 2 BAL 2000-22
- 3 BAL 2000-25
- 4 BAL 2000-28
- 5 BAL 2000-30
- 6 BAL 2000-33EXT
- 7 BAL 2000-35EXT

## BALUSTER DISPLAY UNITS

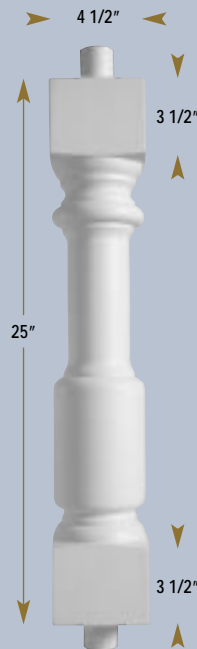


### BD 100

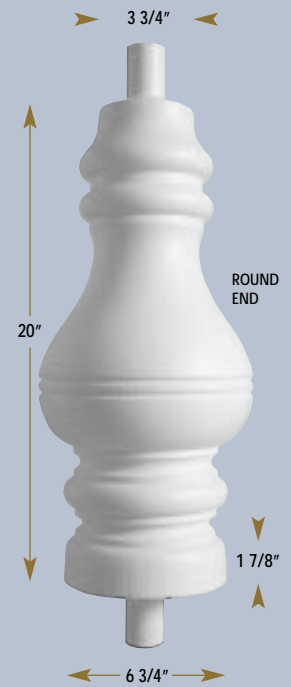
Including RAL 2100 T, RAL 2100 B railing with two BAL 2000-25 balusters

### BD 101

Including RAL 2100 T, RAL 2100 B railing with one BAL 2000-25 and one BAL 2031-25FS baluster



BAL 2001-25



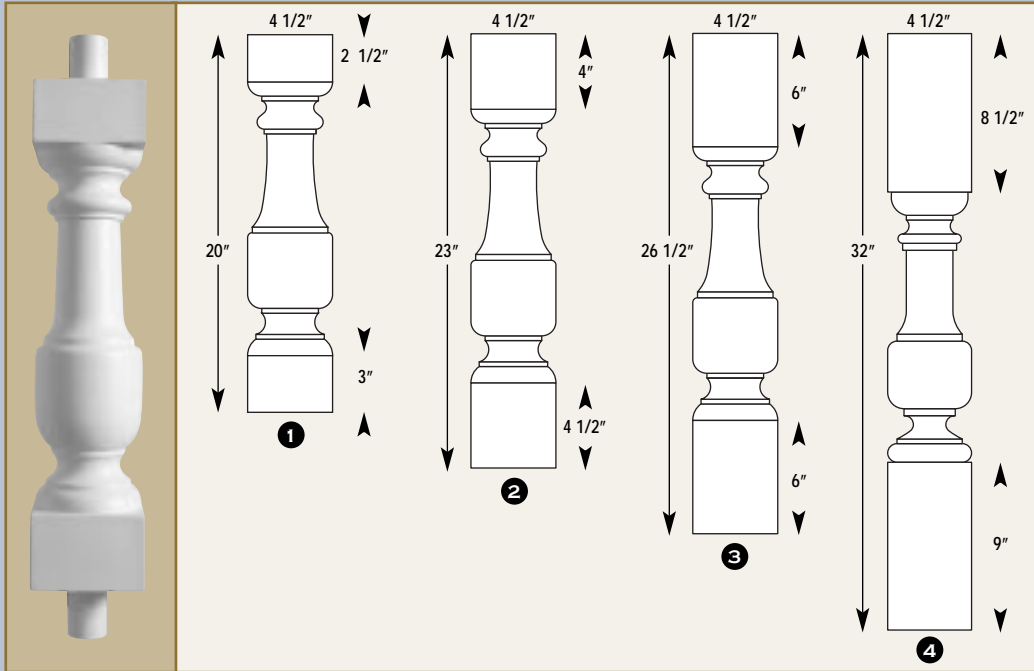
BAL 2002-20



**NOTE :**

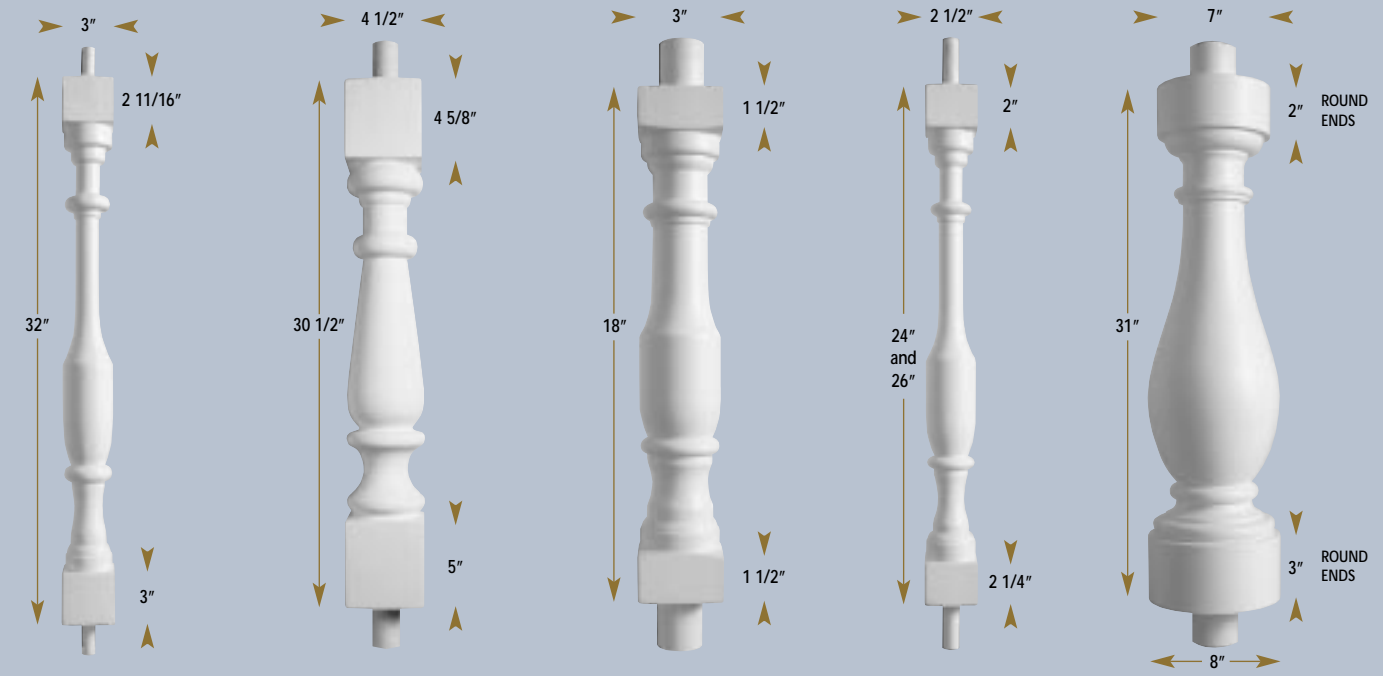
- BAL 2000-25 assembled using RAL 2100T & 2100B spaced at the 4" Ball Rule, exceeds BOCA requirements for guard railing design in a 10' assembly. Call for information.
- PIPE EXTENDS 1" FROM END OF BALUSTERS.
- Balusters and railings are reinforced with PVC, steel, aluminum or fiberglass.
- See pages 187-189 for complete balustrade installation instructions.

# BALUSTRADE SYSTEMS



1 BAL 2005 - 20    2 BAL 2005 - 23    3 BAL 2005 - 26EXT    4 BAL 2005 - 32EXT

Photo illustrates the use of the following Spectis products: BAL 2019, and RAL 2105 top & bottom.



BAL 2006 -32

BAL 2007-30

BAL 2008-18

BAL 2009-24  
BAL 2009-26

BAL 2010-31

**NEW**



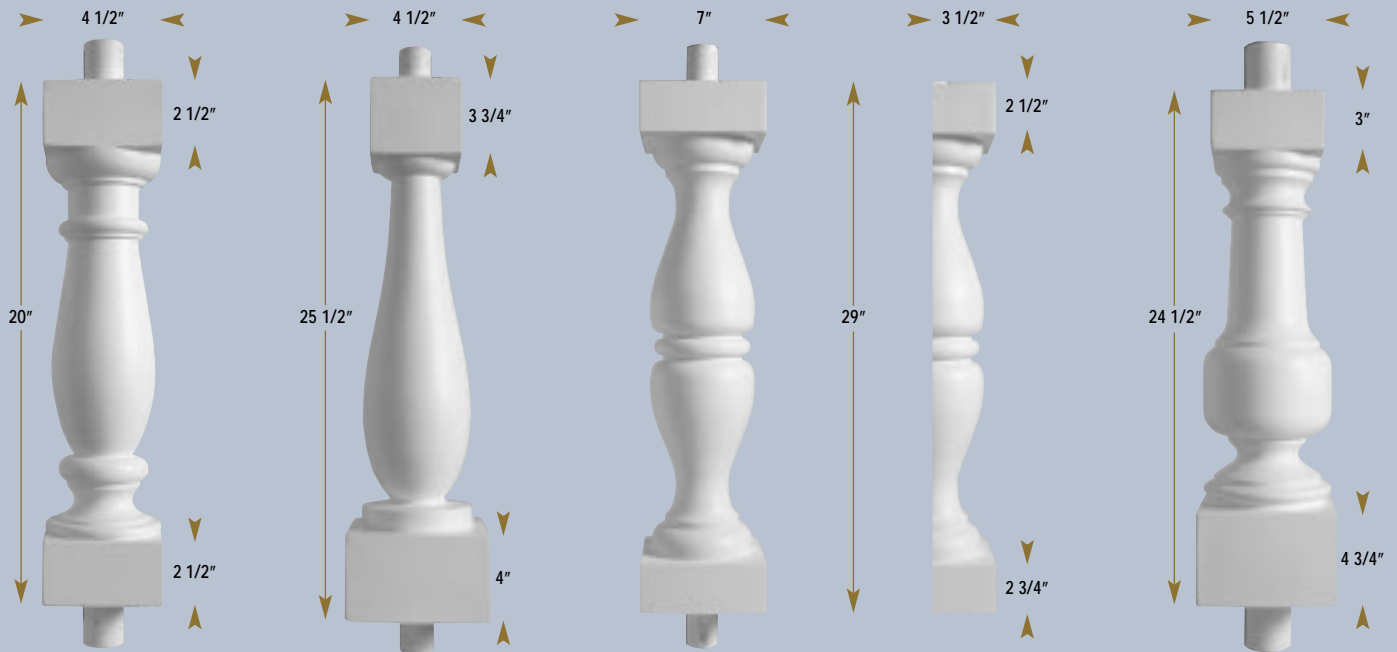


# BALUSTRADE SYSTEMS

**NOTICE :**

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

SPECTIS RESERVES THE RIGHT TO HOLLOW OUT BACK OF ANY PRODUCTS WITHOUT NOTICE..



**BAL 2011-20**

**BAL 2012-25  
BAL 2012-25FS**

• Fossil Stone

**BAL 2013-29**

**BAL 2013-29H**

• Half Baluster

**BAL 2014-24**



• 1 3/4" x 1 3/4"

- BAL 2015-14.5 NEW**
- BAL 2015-14.75 NEW**
- BAL 2015-18.5 NEW**
- BAL 2015-20**
- BAL 2015-21 NEW**
- BAL 2015-24**
- BAL 2015-28**
- BAL 2015-32**
- BAL 2015-34 NEW**
- BAL 2015-36 NEW**
- BAL 2015-37.75 NEW**
- BAL 2015-58**
- BAL 2015-63**

**BAL 2015**



**BAL 2016-27**



**BAL 2017-22**



• 2 1/2" x 2 1/2"

- BAL 2018-12**
- BAL 2018-12.25**
- BAL 2018-14**
- BAL 2018-20 NEW**
- BAL 2018-25**
- BAL 2018-25P**  
• 7/12 Pitch
- BAL 2018-27**
- BAL 2018-30**
- BAL 2018-31 NEW**

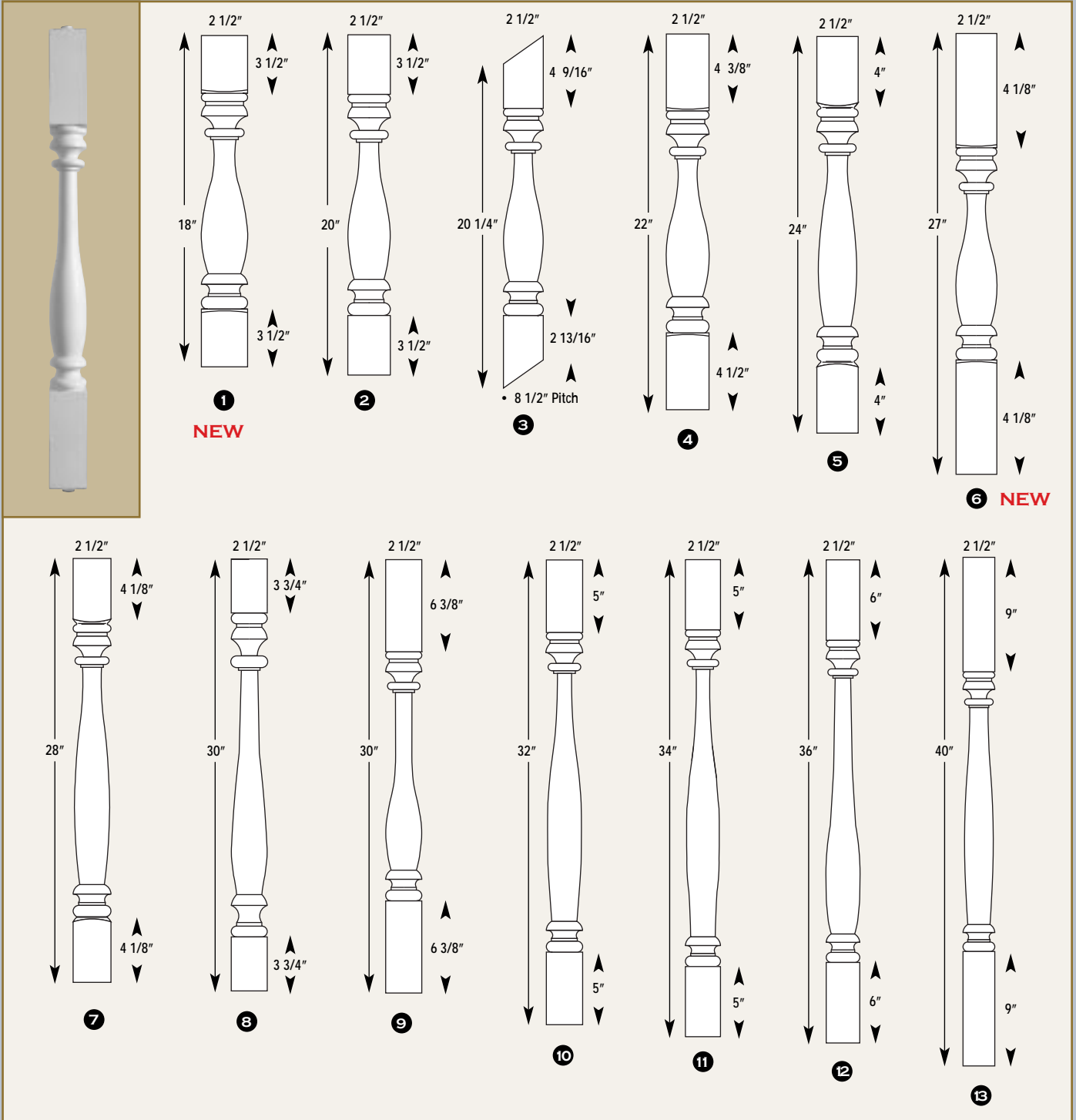
**BAL 2018**



**NOTE :**

PIPE EXTENDS 1" FROM END OF BALUSTERS.

# BALUSTRADE SYSTEMS



- 1** BAL 2019-18
- 4** BAL 2019-22
- 7** BAL 2019-28
- 10** BAL 2019-32
- 12** BAL 2019-36
- 2** BAL 2019-20
- 5** BAL 2019-24
- 8** BAL 2019-30
- 11** BAL 2019-34
- 13** BAL 2019-40
- 3** BAL 2019-20P
- 6** BAL 2019-27
- 9** BAL 2019-30EXT

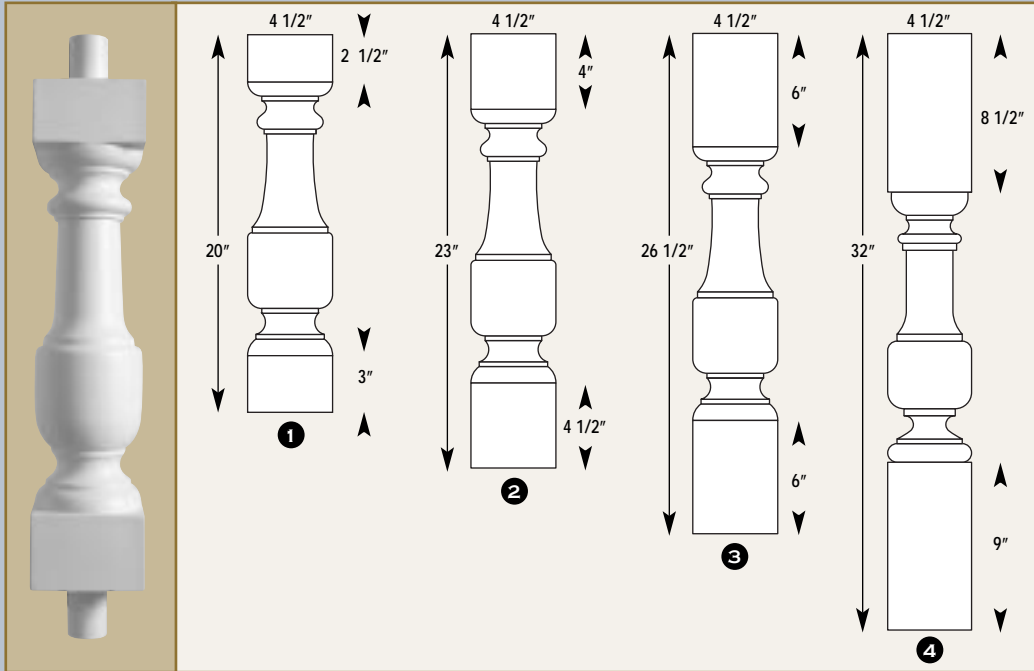




**NOTE :**

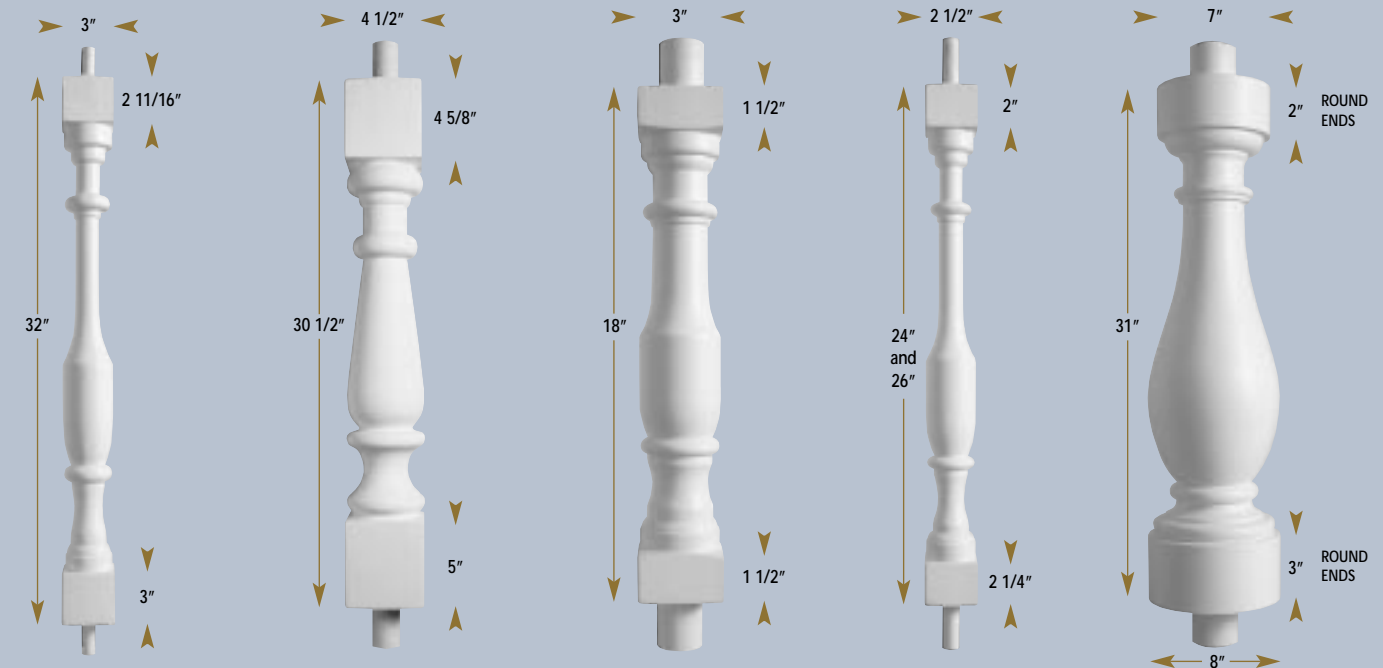
- BAL 2000-25 assembled using RAL 2100T & 2100B spaced at the 4" Ball Rule, exceeds BOCA requirements for guard railing design in a 10' assembly. Call for information.
- PIPE EXTENDS 1" FROM END OF BALUSTERS.
- Balusters and railings are reinforced with PVC, steel, aluminum or fiberglass.
- See pages 187-189 for complete balustrade installation instructions.

# BALUSTRADE SYSTEMS



1 BAL 2005 - 20    2 BAL 2005 - 23    3 BAL 2005 - 26EXT    4 BAL 2005 - 32EXT

Photo illustrates the use of the following Spectis products: BAL 2019, and RAL 2105 top & bottom.



BAL 2006 -32

BAL 2007-30

BAL 2008-18

BAL 2009-24  
BAL 2009-26

BAL 2010-31

**NEW**





# BALUSTRADE SYSTEMS

**NOTICE :**

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

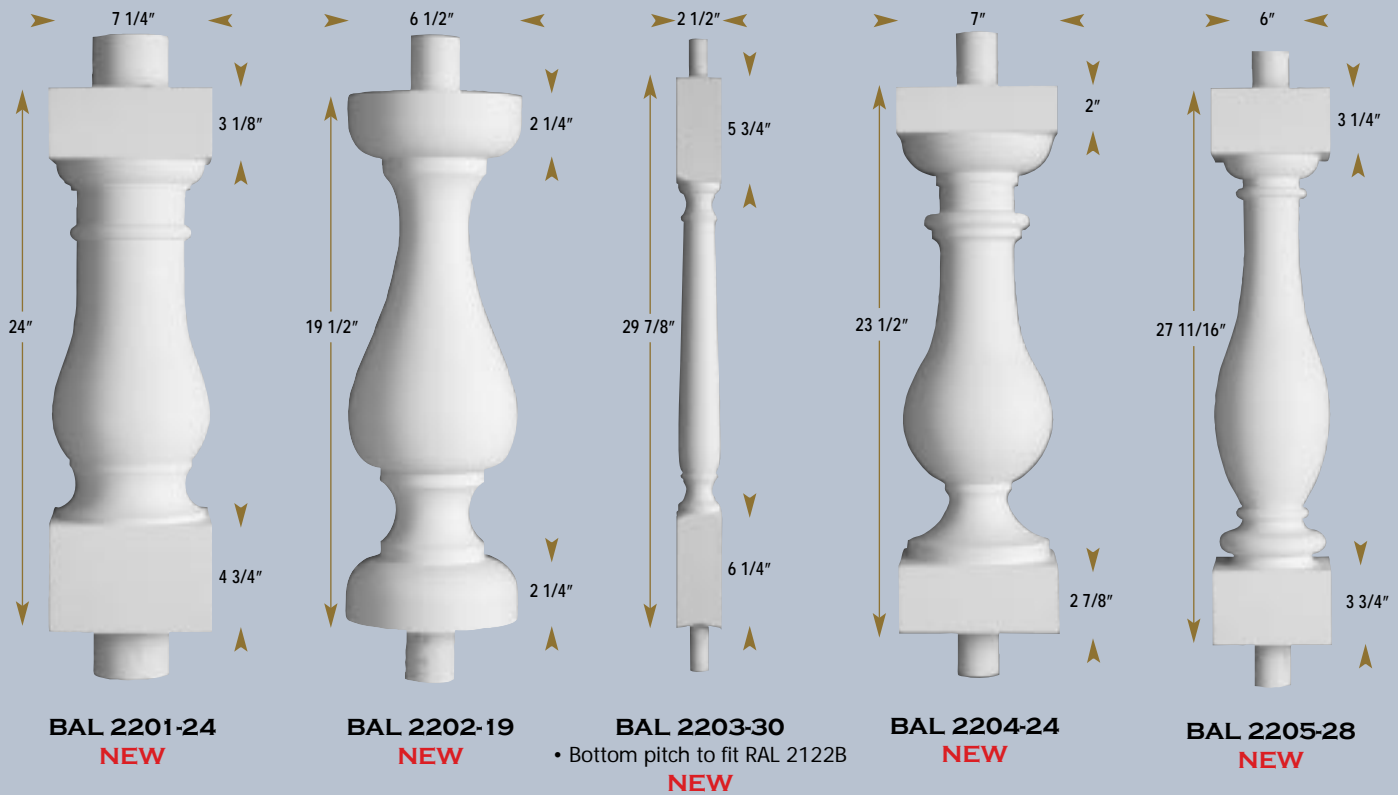


Photo above illustrates the use of the following Spectis products: decorative panels RP 3902.

Technical drawings of three decorative panels:

- RP 3900**
  - 1 5/16" Projection
  - 28" Square
  - Decorative Only
- RP 3901**
  - 1 1/2" Projection
  - 27 3/4" Square
  - Decorative Only
- RP 3902**
  - 1" Projection
  - 28" Square
  - Decorative Only

**DECORATIVE PANELS**

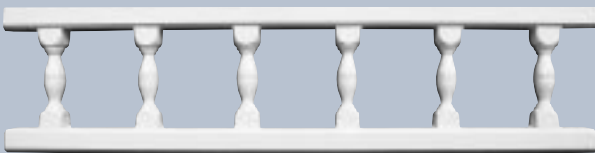


PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

# BALUSTRADE SYSTEMS



Photo above illustrates the use of the following Spectis products: baluster BAL 2019 and rail RAL 2104 top & bottom.

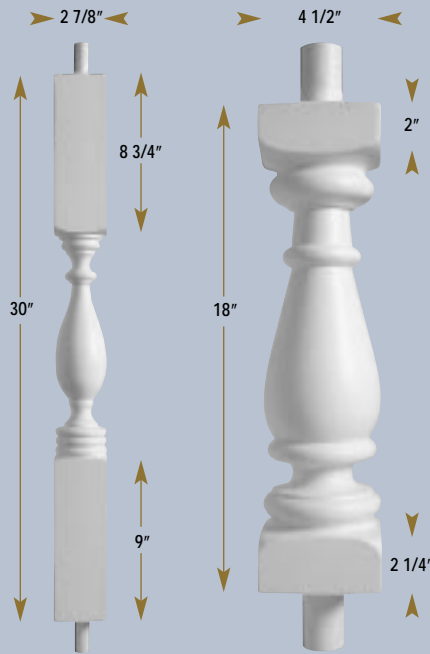


**BAL 2028-9**

- 9" Height
- 2" Projection
- 6' Length
- 6" Repeat

**BAL 2028-12**

- 12" Height
- 2" Projection
- 6' Length
- 6" Repeat

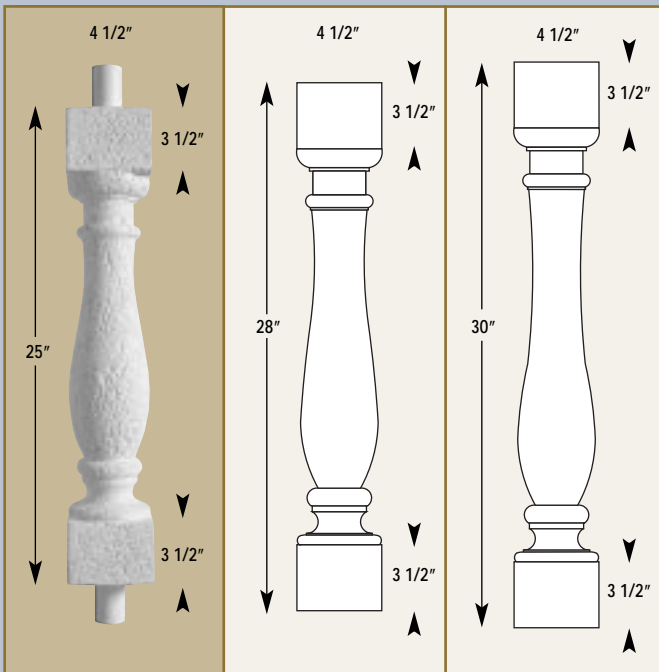


**BAL 2029-30**

**BAL 2030-18**

**FINISHING**

All Spectis' products are shipped "double primed" with an exterior grade latex paint and are ready for use. We recommend final finishing after installation is complete for the most consistent appearance possible. Please see "finishing" recommendations (on page 191) for more information.



**BAL 2031-25FS**

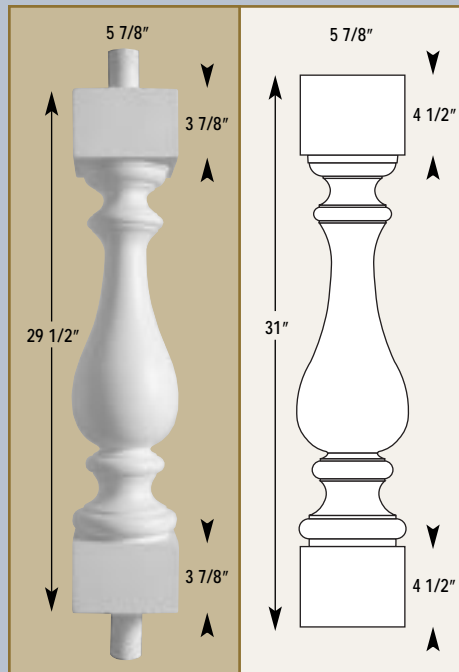
- Fossil Stone Texture

**BAL 2031-28FS**

- Fossil Stone Texture

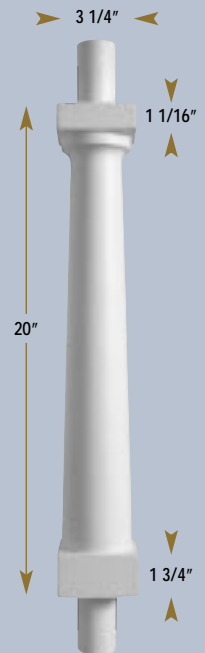
**BAL 2031-30FS**

- Fossil Stone Texture



**BAL 2032-29**

**BAL 2032-31**



**BAL 2033-20**

**BAL 2033-26**

**BAL 2033-32EXT**

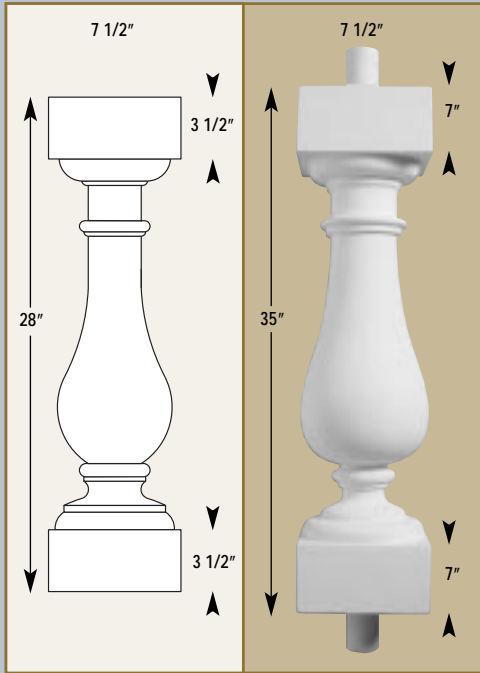




**NOTE :**

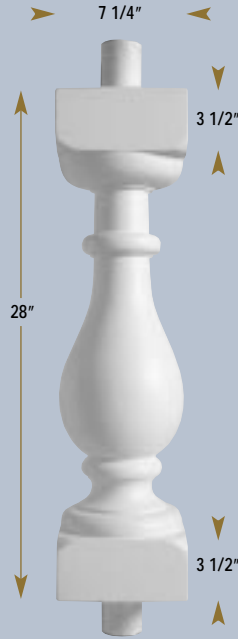
PIPE EXTENDS 1" FROM END OF BALUSTERS.

# BALUSTRADE SYSTEMS

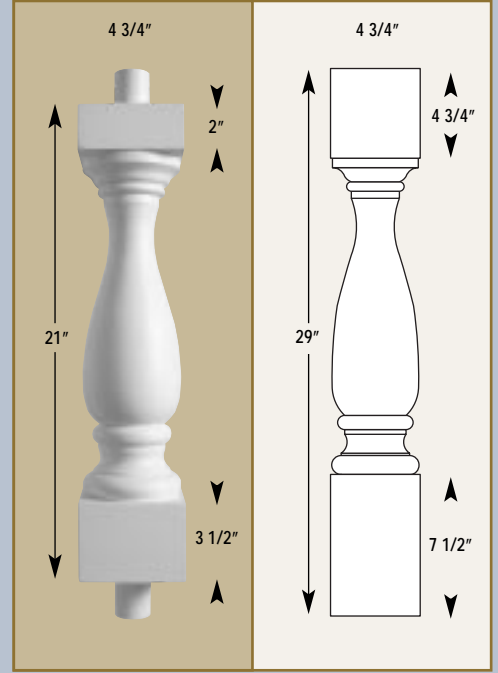


**BAL 2034-28**

**BAL 2034-35**

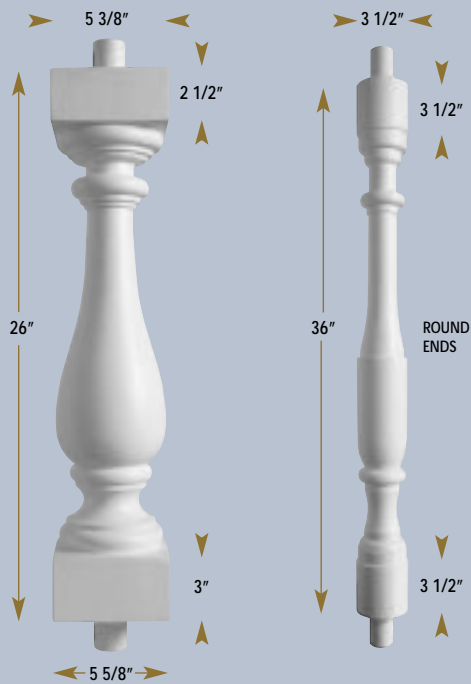


**BAL 2035-28**



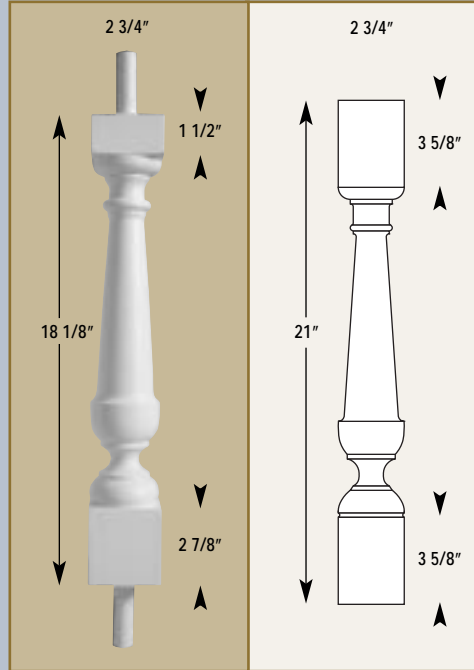
**BAL 2036-21**

**BAL 2036-29**



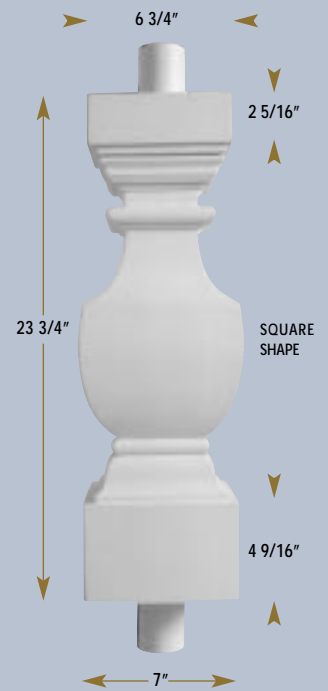
**BAL 2037-26**

**BAL 2038-36**



**BAL 2039-18**

**BAL 2039-21**



**BAL 2040-23**



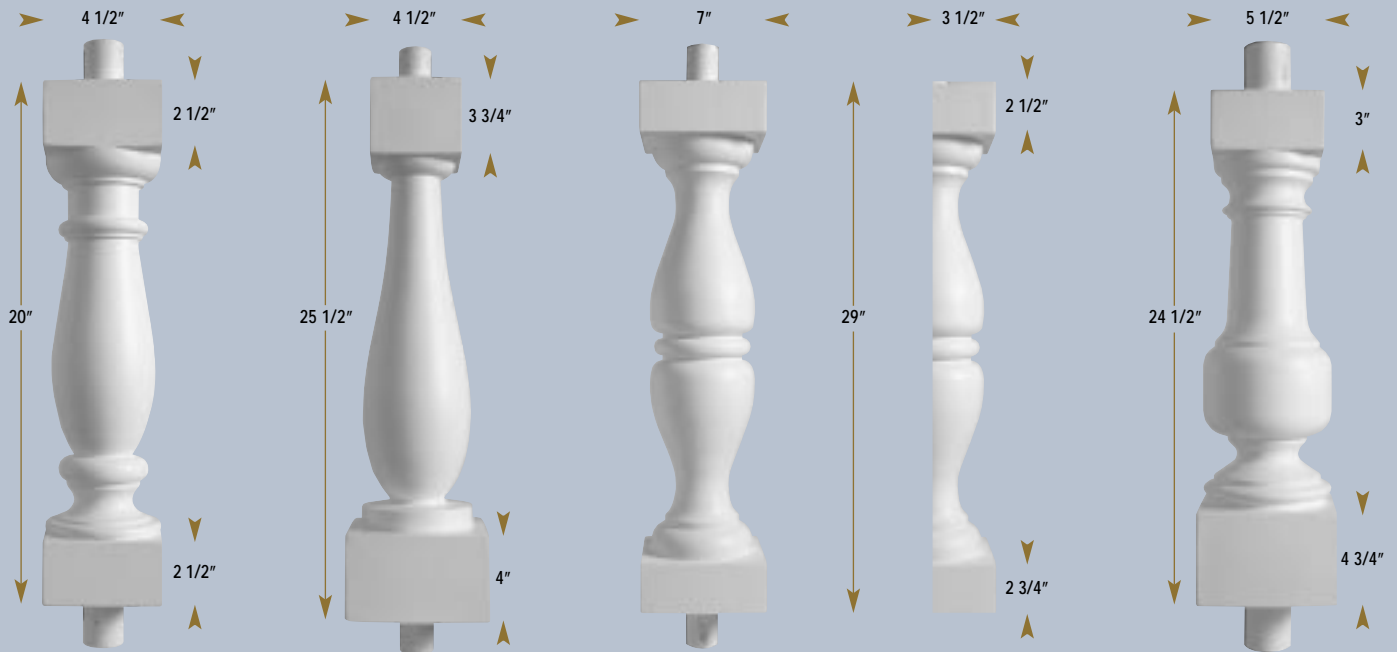


# BALUSTRADE SYSTEMS

**NOTICE :**

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

SPECTIS RESERVES THE RIGHT TO HOLLOW OUT BACK OF ANY PRODUCTS WITHOUT NOTICE..



**BAL 2011-20**

**BAL 2012-25**  
**BAL 2012-25FS**

• Fossil Stone

**BAL 2013-29**

**BAL 2013-29H**

• Half Baluster

**BAL 2014-24**



• 1 3/4" x 1 3/4"

- BAL 2015-14.5 NEW**
- BAL 2015-14.75 NEW**
- BAL 2015-18.5 NEW**
- BAL 2015-20**
- BAL 2015-21 NEW**
- BAL 2015-24**
- BAL 2015-28**
- BAL 2015-32**
- BAL 2015-34 NEW**
- BAL 2015-36 NEW**
- BAL 2015-37.75 NEW**
- BAL 2015-58**
- BAL 2015-63**

**BAL 2015**



**BAL 2016-27**



**BAL 2017-22**



• 2 1/2" x 2 1/2"

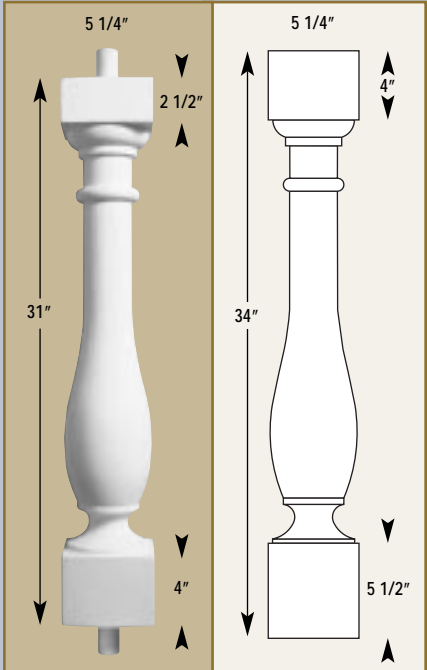
- BAL 2018-12**
- BAL 2018-12.25**
- BAL 2018-14**
- BAL 2018-20 NEW**
- BAL 2018-25**
- BAL 2018-25P**  
• 7/12 Pitch
- BAL 2018-27**
- BAL 2018-30**
- BAL 2018-31 NEW**

**BAL 2018**



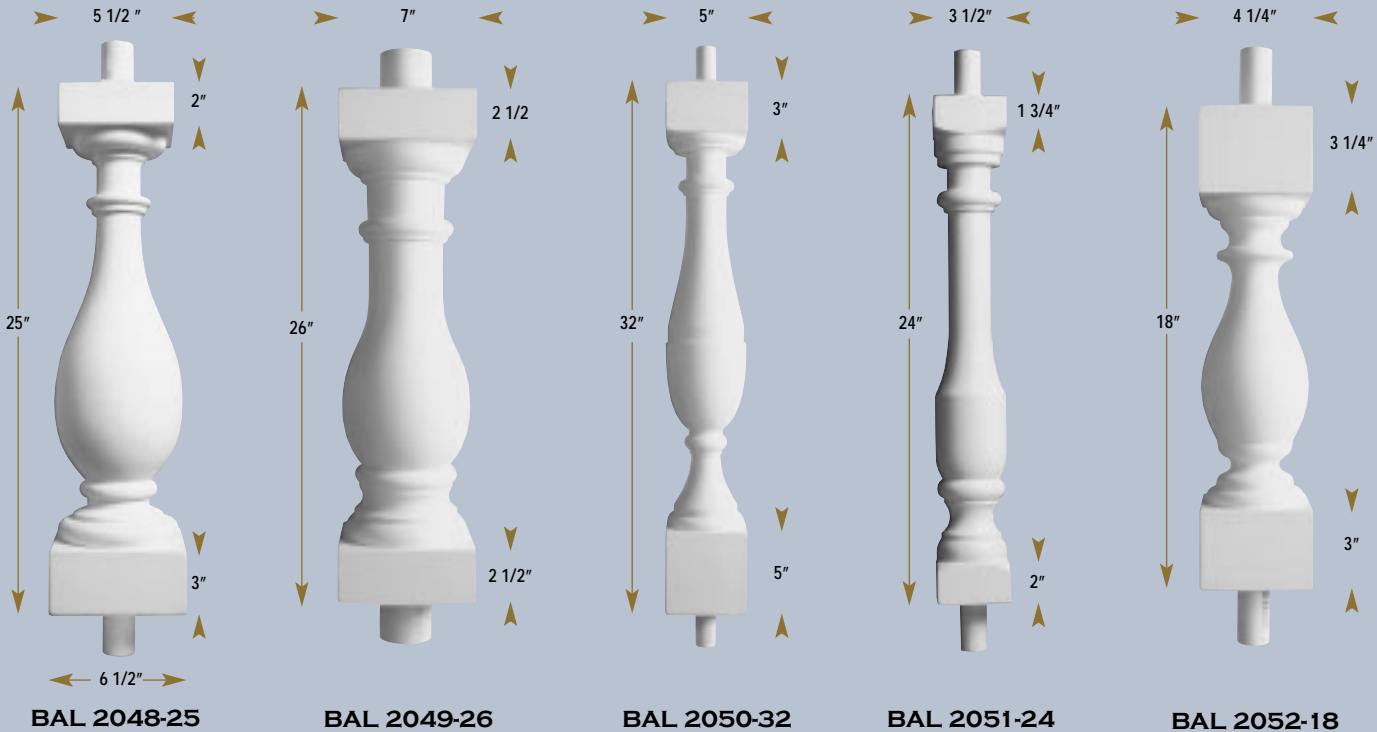
**NOTE :**  
 PIPE EXTENDS 1" FROM END OF BALUSTERS.

# BALUSTRADE SYSTEMS



**BAL 2047-31      BAL 2047-34**

Photo above illustrates the following Spectis products: baluster BAL 2059-18, curved rail RAL 2105 top & bottom, newel post NP 2212, newel cap NC 2319, custom arch with flanker MD 1252 and custom pilasters.



**BAL 2048-25      BAL 2049-26      BAL 2050-32      BAL 2051-24      BAL 2052-18**

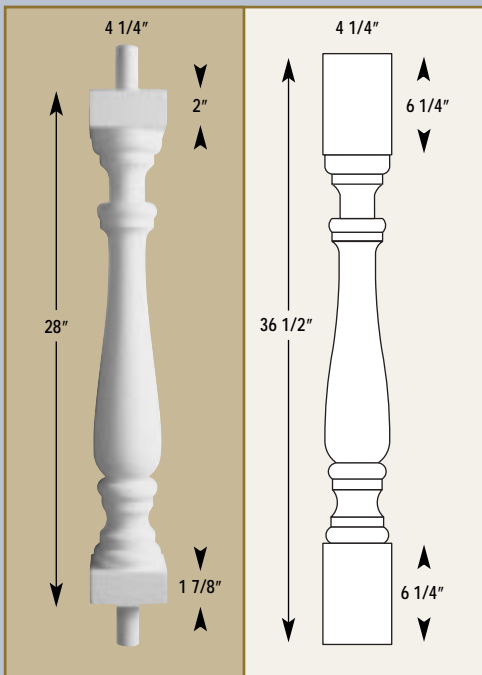




# BALUSTRADE SYSTEMS

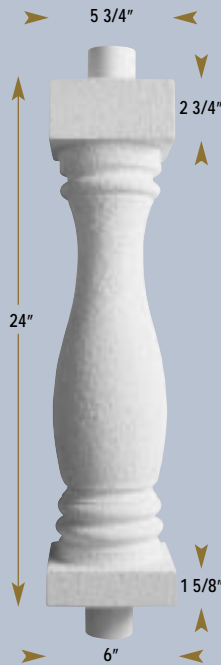
**NOTICE :**

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.



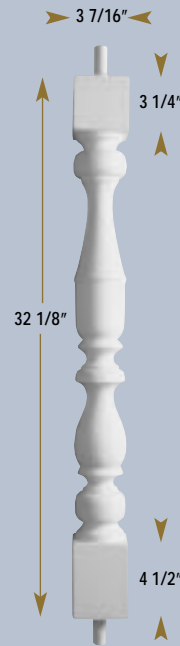
**BAL 2053-28**

**BAL 2053-36**

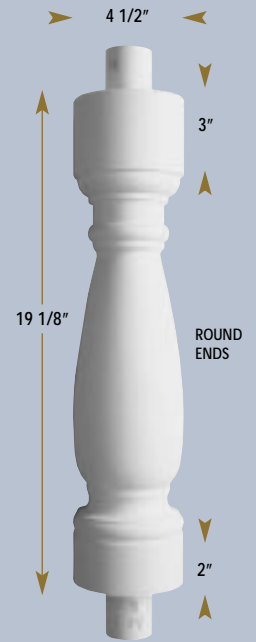


**BAL 2054-24S**

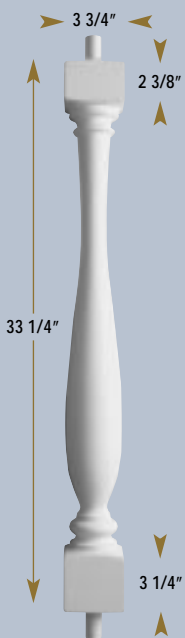
• Stucco Texture



**BAL 2055-32**



**BAL 2056-19**



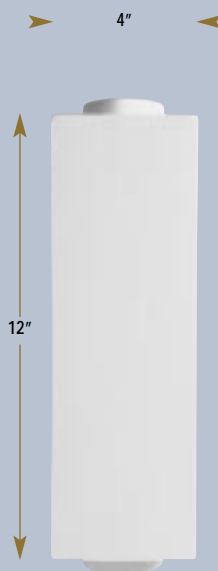
**BAL 2057-33**



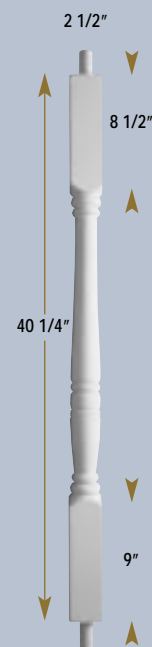
**BAL 2058-24**



**BAL 2059-18**  
**BAL 2059-24**  
**BAL 2059-27**



**BAL 2060-12**



**BAL 2061-40**



**BAL 2062-20**



**NOTE :**

PIPE EXTENDS 1" FROM END OF BALUSTERS.

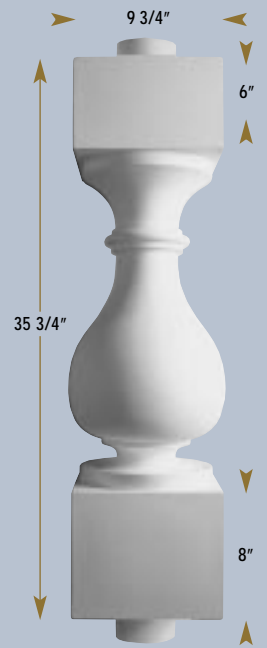
# BALUSTRADE SYSTEMS



Photo above illustrates Spectris products: custom gable end with blocks BL 2593 and decorative balusters BAL 2067-24 left and right.



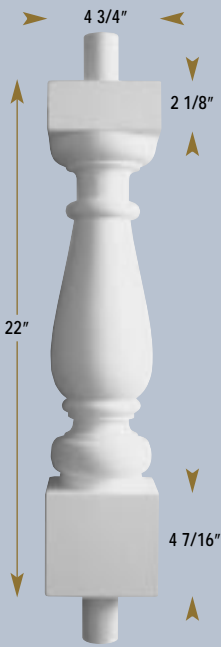
**BAL 2063-27**



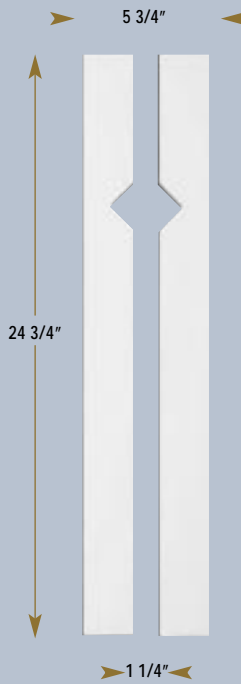
**BAL 2064-35**



**BAL 2065-24**



**BAL 2066-22**



**BAL 2067-24L**  
**BAL 2067-24R**

- 1 1/4" Projection
- Rail Pickets
- Decorative Only



**BAL 2068-20**



**BAL 2069-28**



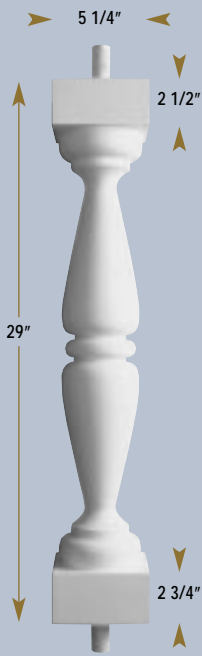




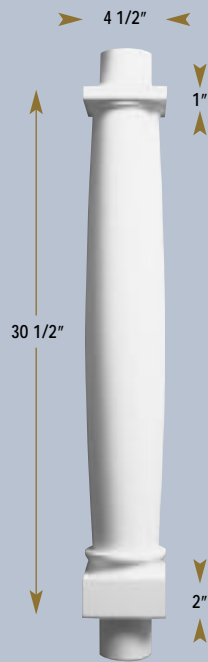
# BALUSTRADE SYSTEMS

**NOTICE :**

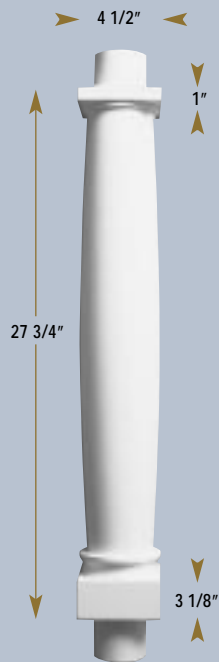
PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.



**BAL 2070-29**



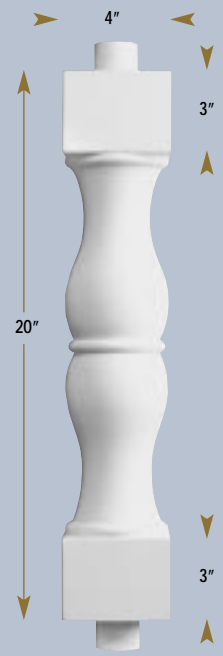
**BAL 2071-30**



**BAL 2072-27**



**BAL 2073-38**



**BAL 2074-20**



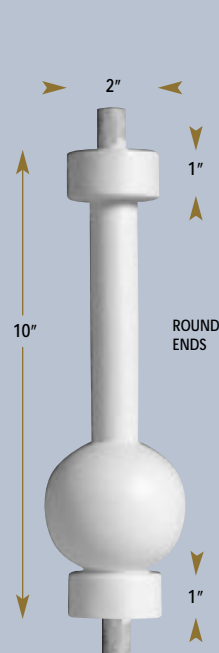
**BAL 2075-25FS**  
• Fossil Stone Texture



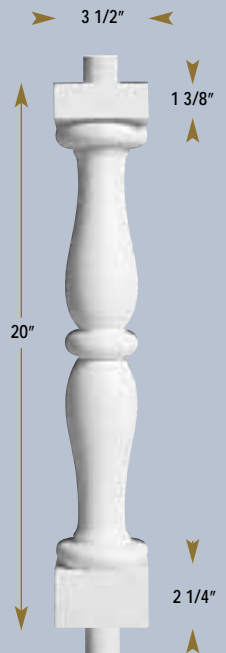
**BAL 2076-24**



**BAL 2077-31**



**BAL 2078-10**

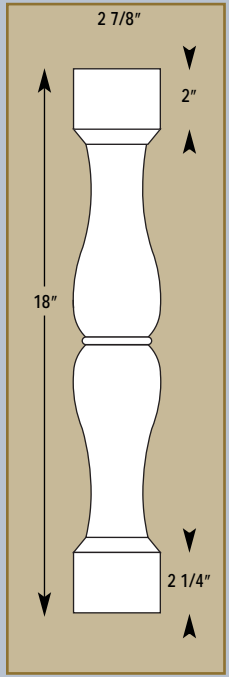


**BAL 2079-20**



**NOTE :**  
 PIPE EXTENDS 1" FROM END OF BALUSTERS.

# BALUSTRADE SYSTEMS



**BAL 2080-18**



**BAL 2082-28**



**BAL 2083-22**



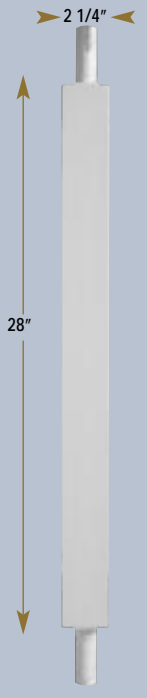
Photo above illustrates the following Spectis products: baluster BAL 2078-10.



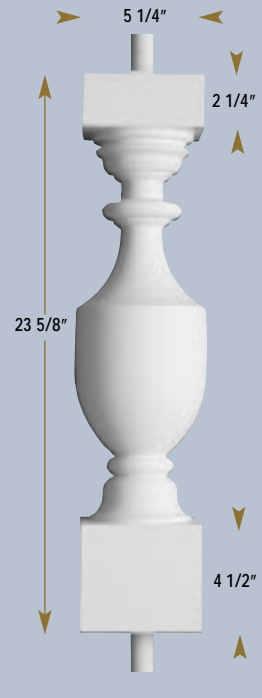
**BAL 2084-24**



**BAL 2085-22**



**BAL 2086-28**  
**NEW**



**BAL 2087-23**  
**NEW**



Photo above illustrates the following Spectis products: baluster BAL 2000-25, rails RAL 2100 top & bottom, newel post NP 2211 and newel cap NC 2308.

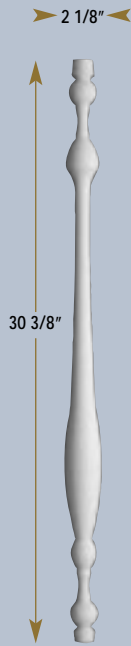
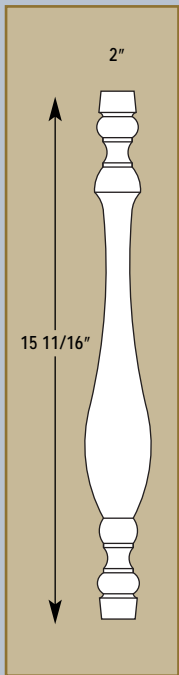




# BALUSTRADE SYSTEMS

NOTICE :

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.



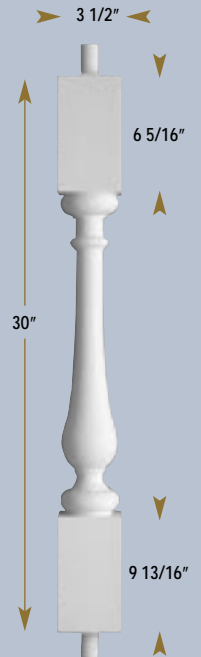
**BAL 2088-15**  
• Half Baluster  
**NEW**

**BAL 2088-30**  
• Half Baluster  
**NEW**

**BAL 2089-23**  
**NEW**

**BAL 2090-15**  
**NEW**

**BAL 2091-24**  
**NEW**



**BAL 2092-17**  
**NEW**

**BAL 2093-25**  
**NEW**

**BAL 2094-21**  
**NEW**

**BAL 2095-23**  
**NEW**

**BAL 2096-30**  
**NEW**



**NOTE :**

PIPE EXTENDS 1" FROM END OF BALUSTERS.

# BALUSTRADE SYSTEMS




WOOD	POLYURETHANE
	
<b>SPECTIS BALUSTERS ARE BUILT TO LAST</b>	



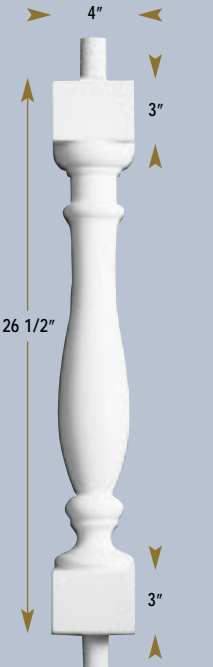


## STAIR BALUSTERS

Extended balusters for stairs are available.

Contact your customer service representative for information.

*Photo illustrates Spectis products: rail RAL 2105 top & bottom, baluster BAL 2019, newel post NP 2206 and newel cap NC 2305.*




				
<p><b>BAL 2097-33P</b> • 9/12 Pitch • 2" thick <b>NEW</b></p>	<p><b>BAL 2097-33</b> • 2" thick <b>NEW</b></p>	<p><b>BAL 2098-26</b> <b>NEW</b></p>	<p><b>BAL 2099-24</b> <b>NEW</b></p>	<p><b>BAL 2200-28</b> <b>NEW</b></p>





# BALUSTRADE SYSTEMS

**NOTICE :**

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

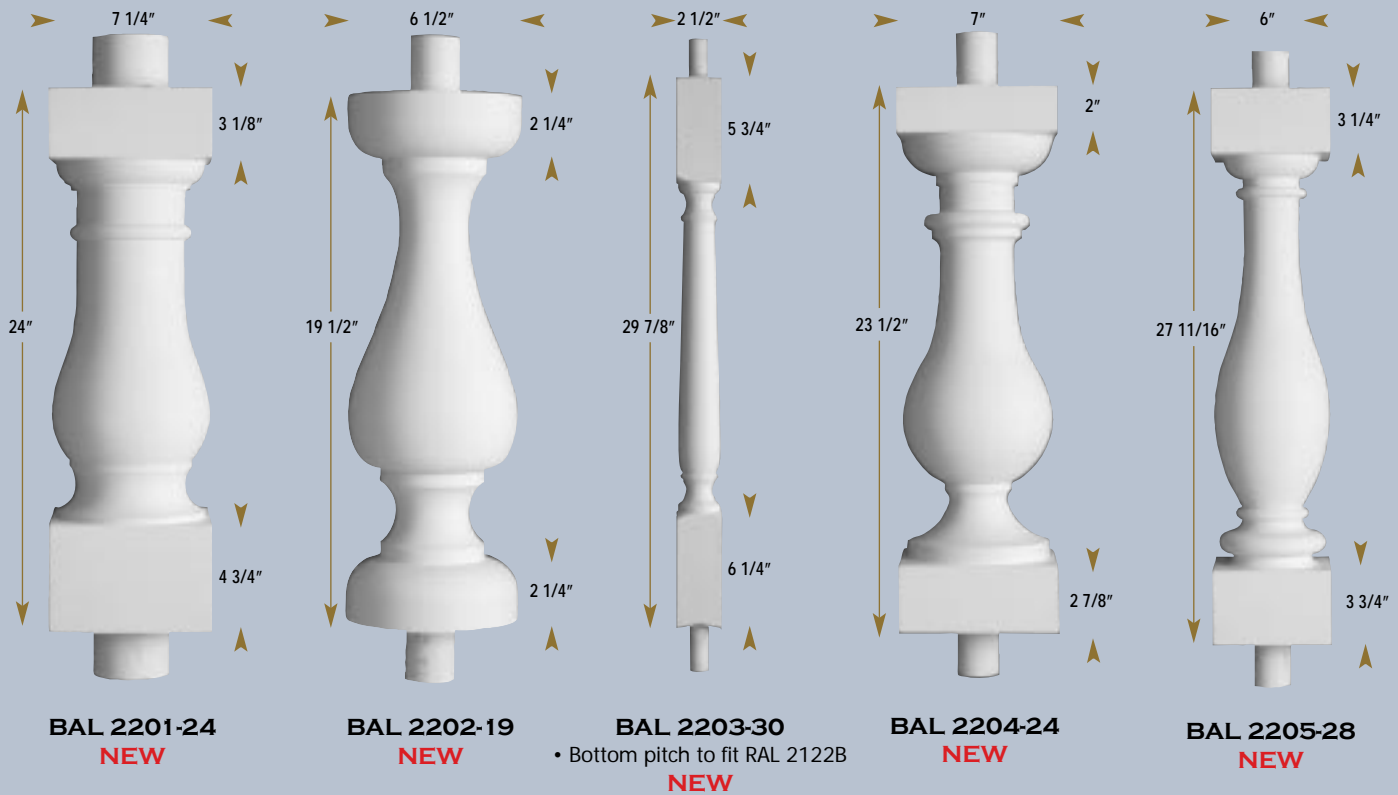


Photo above illustrates the use of the following Spectis products: decorative panels RP 3902.

Technical drawings of three decorative panels:

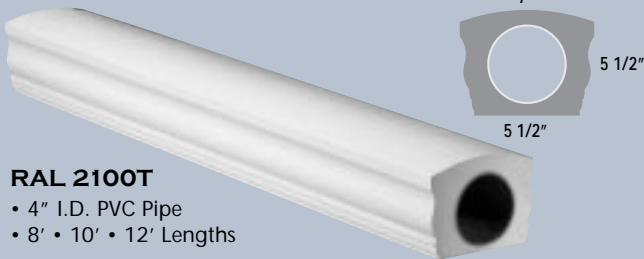
- RP 3900**
  - 1 5/16" Projection
  - 28" Square
  - Decorative Only
- RP 3901**
  - 1 1/2" Projection
  - 27 3/4" Square
  - Decorative Only
- RP 3902**
  - 1" Projection
  - 28" Square
  - Decorative Only

**DECORATIVE PANELS**

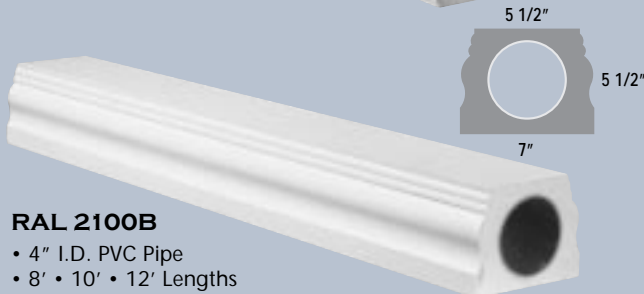




# BALUSTRADE SYSTEMS

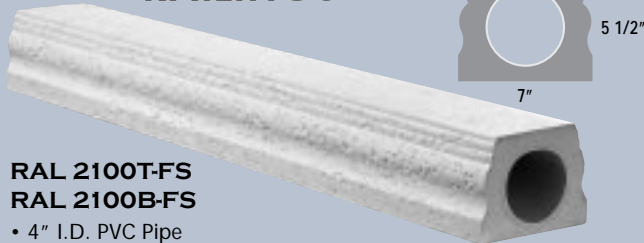


**RAL 2100T**  
 • 4" I.D. PVC Pipe  
 • 8' • 10' • 12' Lengths



**RAL 2100B**  
 • 4" I.D. PVC Pipe  
 • 8' • 10' • 12' Lengths

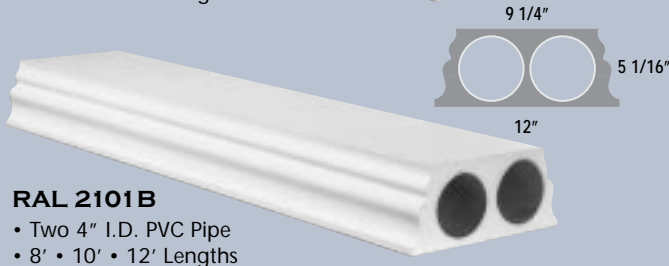
## RAILINGS



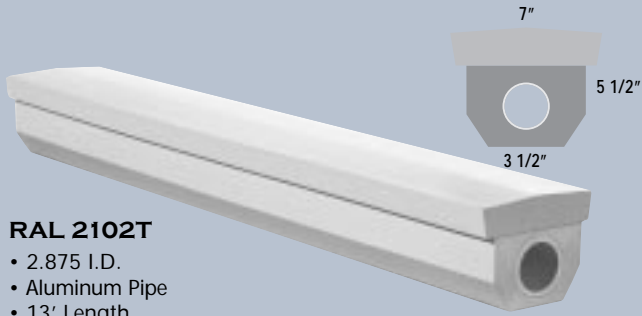
**RAL 2100T-FS**  
**RAL 2100B-FS**  
 • 4" I.D. PVC Pipe  
 • Fossil Stone Texture • 12' Length



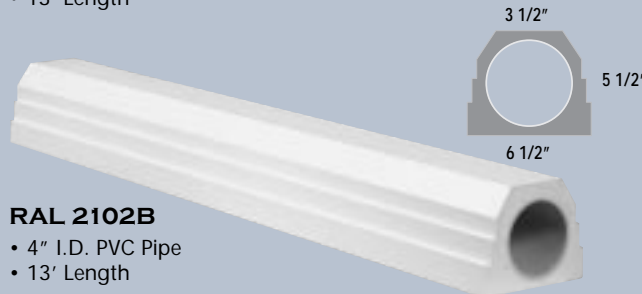
**RAL 2101T**  
 • Two 4" I.D. PVC Pipe  
 • 8' • 10' • 12' Lengths



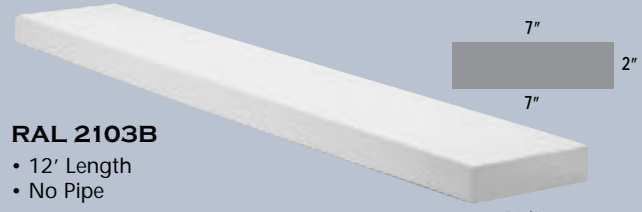
**RAL 2101B**  
 • Two 4" I.D. PVC Pipe  
 • 8' • 10' • 12' Lengths



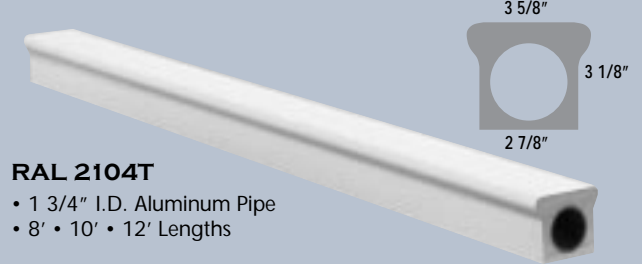
**RAL 2102T**  
 • 2.875 I.D.  
 • Aluminum Pipe  
 • 13' Length



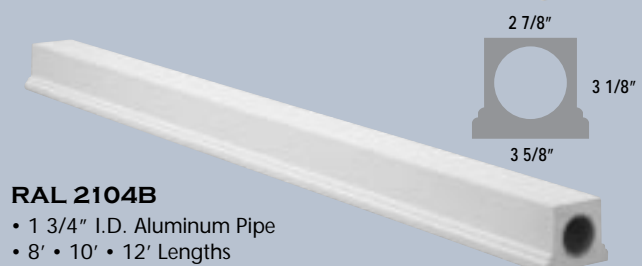
**RAL 2102B**  
 • 4" I.D. PVC Pipe  
 • 13' Length



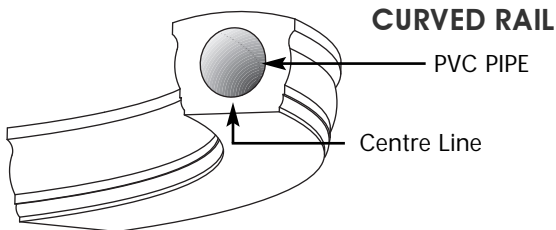
**RAL 2103B**  
 • 12' Length  
 • No Pipe



**RAL 2104T**  
 • 1 3/4" I.D. Aluminum Pipe  
 • 8' • 10' • 12' Lengths



**RAL 2104B**  
 • 1 3/4" I.D. Aluminum Pipe  
 • 8' • 10' • 12' Lengths

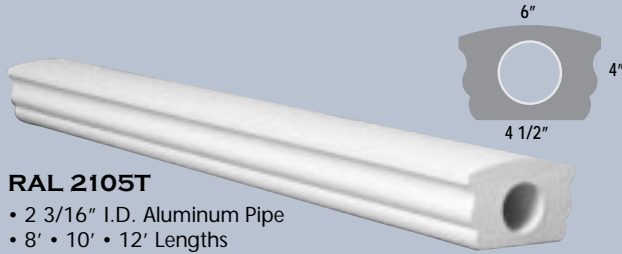


Curved railings available by quotation. Curved rails are measured to the centre line. Use newel posts every 8 feet. Use support blocks at the centre point between newel posts.

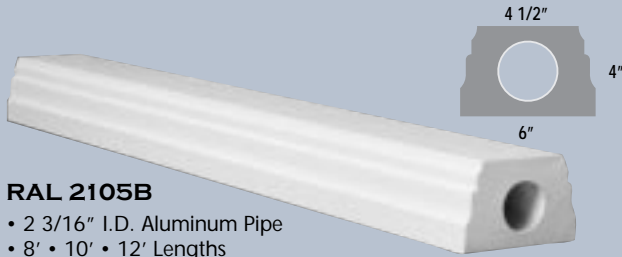
- BAL 2000-25 assembled using RAL 2100T & 2100B spaced at the 4" Ball Rule, exceeds BOCA requirements for guard railing design in a 10' assembly. Call for information.
- PIPE EXTENDS 1" FROM END OF BALUSTERS.
- Balusters and railings are reinforced with PVC, steel, aluminum or fiberglass.
- See pages 187-189 for complete balustrade installation instructions.



# BALUSTRADE SYSTEMS



**RAL 2105T**  
 • 2 3/16" I.D. Aluminum Pipe  
 • 8' • 10' • 12' Lengths

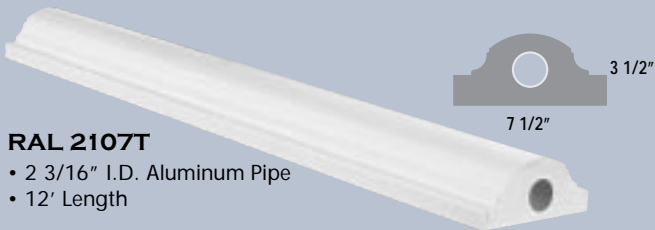


**RAL 2105B**  
 • 2 3/16" I.D. Aluminum Pipe  
 • 8' • 10' • 12' Lengths

## RAILINGS



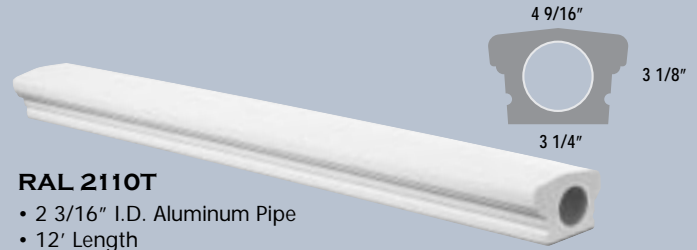
**RAL 2106T**  
 • No Pipe  
 • 12' Length



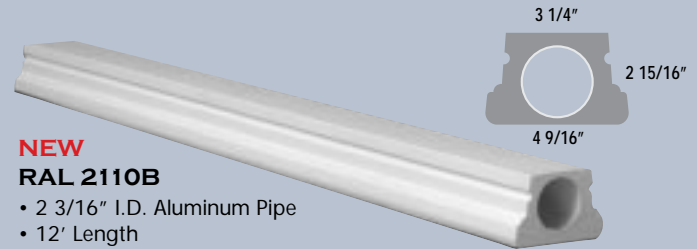
**RAL 2107T**  
 • 2 3/16" I.D. Aluminum Pipe  
 • 12' Length



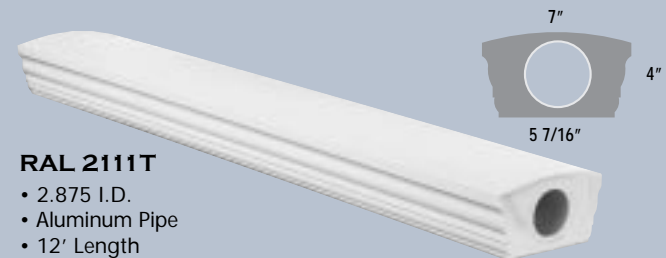
**RAL 2108T-FS**  
 • 1 1/2" I.D. PVC Pipe  
 • Fossil Stone Texture • 8' 9" Length



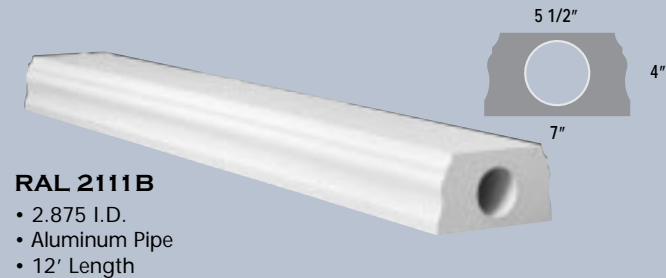
**RAL 2110T**  
 • 2 3/16" I.D. Aluminum Pipe  
 • 12' Length



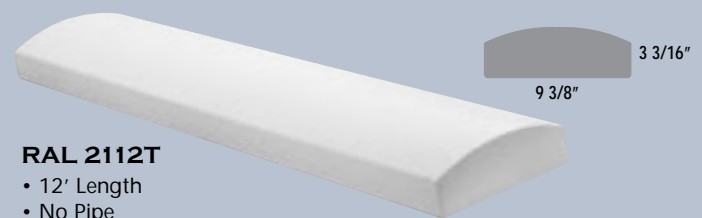
**NEW RAL 2110B**  
 • 2 3/16" I.D. Aluminum Pipe  
 • 12' Length



**RAL 2111T**  
 • 2.875 I.D.  
 • Aluminum Pipe  
 • 12' Length



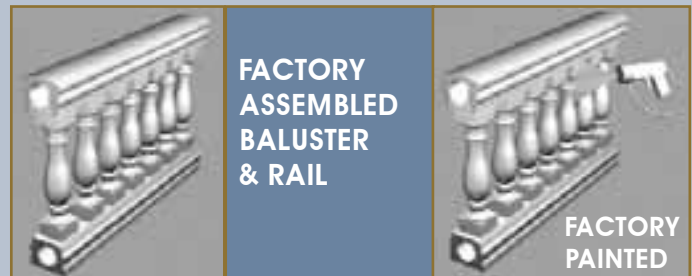
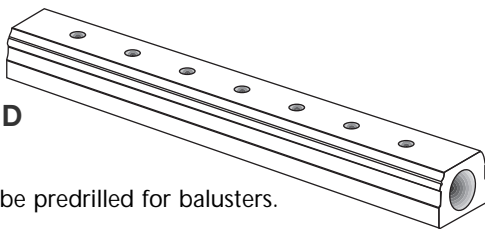
**RAL 2111B**  
 • 2.875 I.D.  
 • Aluminum Pipe  
 • 12' Length



**RAL 2112T**  
 • 12' Length  
 • No Pipe

### PREDRILLED RAIL

Railings can be predrilled for balusters.

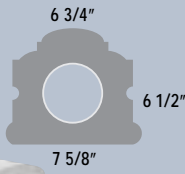
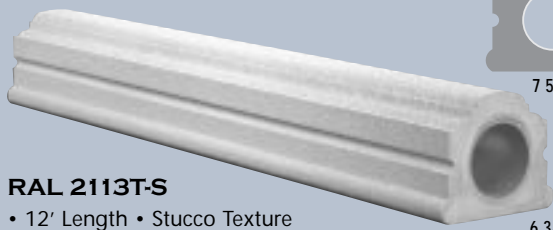


FACTORY ASSEMBLED BALUSTER & RAIL

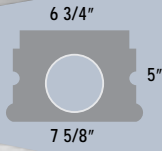
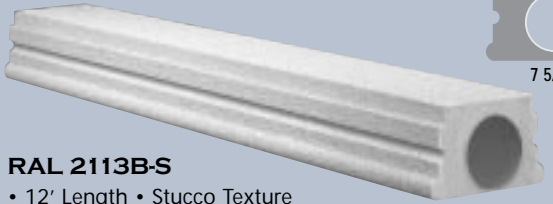
FACTORY PAINTED



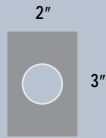
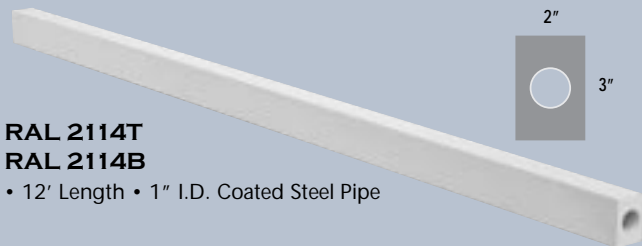
# RAILINGS



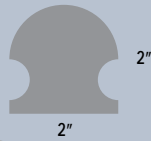
**RAL 2113T-S**  
 • 12' Length • Stucco Texture  
 • 4" I.D. PVC Pipe



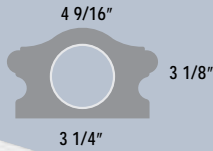
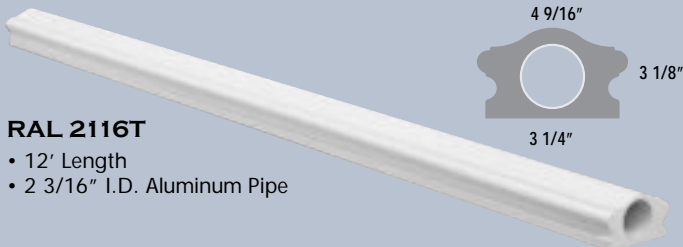
**RAL 2113B-S**  
 • 12' Length • Stucco Texture  
 • 4" I.D. PVC Pipe



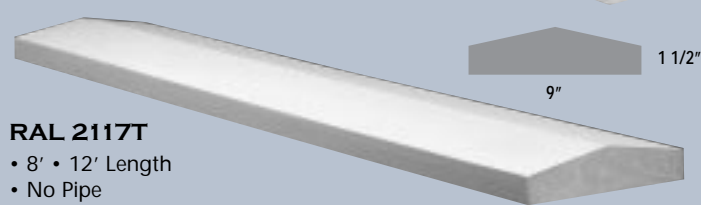
**RAL 2114T**  
**RAL 2114B**  
 • 12' Length • 1" I.D. Coated Steel Pipe



**RAL 2115T**  
 • 10' Length  
 • No Pipe

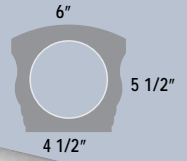
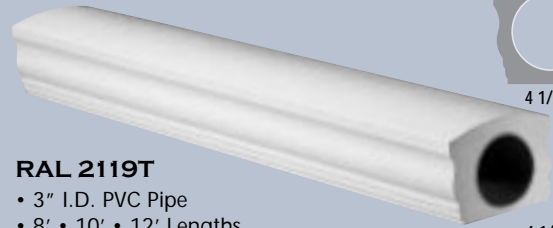


**RAL 2116T**  
 • 12' Length  
 • 2 3/16" I.D. Aluminum Pipe

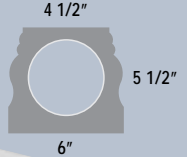
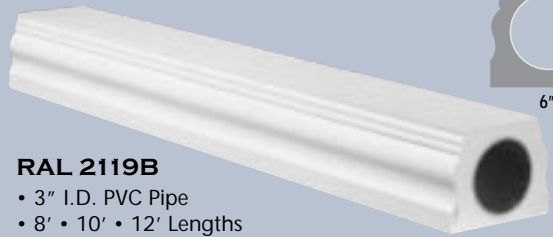


**RAL 2117T**  
 • 8' • 12' Length  
 • No Pipe

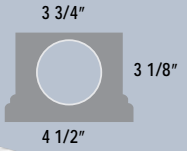
# BALUSTRADE SYSTEMS



**RAL 2119T**  
 • 3" I.D. PVC Pipe  
 • 8' • 10' • 12' Lengths

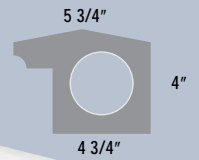


**RAL 2119B**  
 • 3" I.D. PVC Pipe  
 • 8' • 10' • 12' Lengths



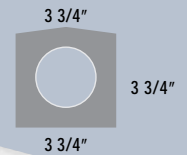
**RAL 2120B**  
 • 1 3/4" I.D. Aluminum Pipe  
 • 8' • 10' • 12' Lengths

**NEW**



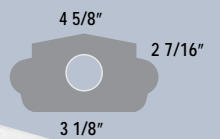
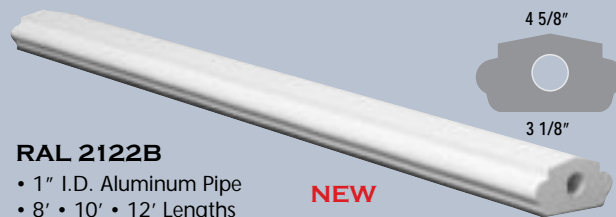
**RAL 2121T**  
 • 2 3/16" I.D. Aluminum Pipe  
 • 8' • 10' • 12' Lengths

**NEW**



**RAL 2121B**  
 • 2 3/16" I.D. Aluminum Pipe  
 • 8' • 10' • 12' Lengths

**NEW**



**RAL 2122B**  
 • 1" I.D. Aluminum Pipe  
 • 8' • 10' • 12' Lengths

**NEW**

**NOTE :**

RAILS ARE TO BE TERMINATED AT NEWEL POSTS, WALLS, OR COLUMNS AND NOT TO EACH OTHER. ANY OTHER APPLICATION WILL NOT BE COVERED BY WARRANTY.

I.D. refers to inside diameter.

On spans of more than 8 feet, Spectis recommends installing support blocks. On curved rails a support block should be installed every 4 feet of arc. Refer to page 29.

Hardware is available to terminate railings. Refer to page 29.



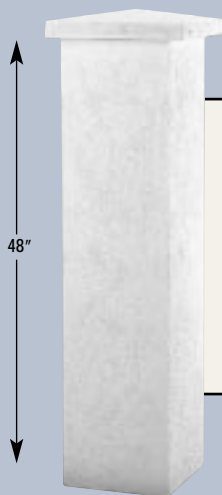


# BALUSTRADE SYSTEMS

**NOTICE :**

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

<p><b>NP 2200</b></p> <p>7 1/4"</p> <p>7 1/4"</p> <p>• 5" I.D. PVC Pipe</p>	<p><b>NP 2201</b></p> <p>12"</p> <p>12"</p> <p>• 6" I.D. PVC Pipe</p>	<p><b>NP 2206</b></p> <p>8"</p> <p>8"</p> <p>• 6" I.D. PVC Pipe</p>	<p><b>NP 2207</b></p> <p>5 1/2"</p> <p>5 1/2"</p> <p>• 4" I.D. PVC Pipe</p>	<p><b>NP 2220</b></p> <p>13"</p> <p>13"</p> <p>• 6" I.D. PVC Pipe</p>
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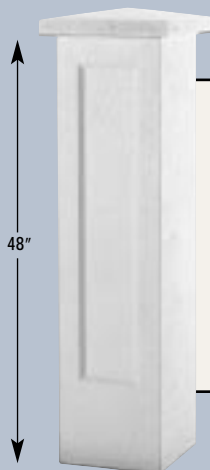


**NP 2208-FS**

12"

12"

- Fossil Stone Texture
- 6" I.D. PVC Pipe



**NP 2209S-FS**

7 3/4"

12"

- Fossil Stone Texture
- 6" I.D. PVC Pipe
- Panel - 6 7/8" x 34 7/8"

## NEWEL POSTS

<p><b>NP 2210</b></p> <ul style="list-style-type: none"> <li>• 6" I.D. PVC Pipe</li> <li>• Panel - 7 3/4" x 32 1/2"</li> </ul>	<p><b>NP 2210</b></p> <p>7 3/4"</p> <p>12"</p>	<p><b>NP 2211</b></p> <p>5 3/8"</p> <p>8"</p>
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**NP 2212**

7"

10"

48"

• 6" I.D. PVC Pipe

MD 1128

MD 1043

MD 1172

NP 2200, NP 2201, NP 2206, NP 2207 & NP 2220 CAN BE DRESSED UP WITH APPLIED MOULDINGS. THE HEIGHT OF THE NEWEL POST MUST BE SPECIFIED ON THE ORDER.



# BALUSTRADE SYSTEMS

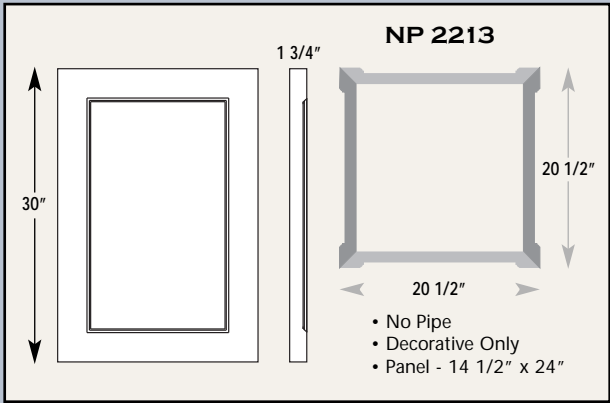
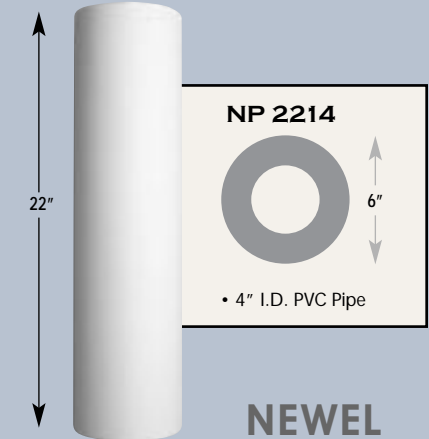
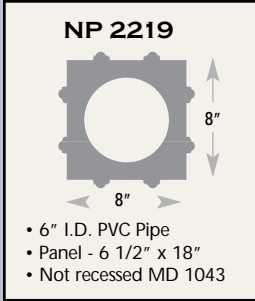
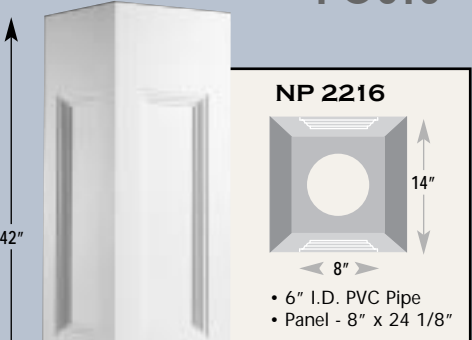
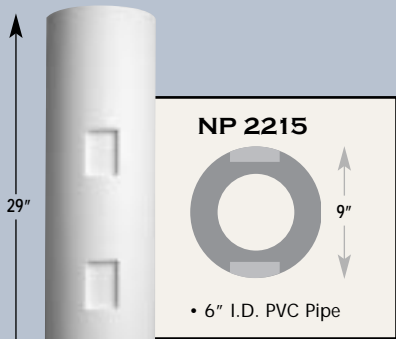


Photo above illustrates the use of the following Spectis products: BAL 2027, BAL 2046, RAL 2100T & B, NP 2211 and NC 2332.

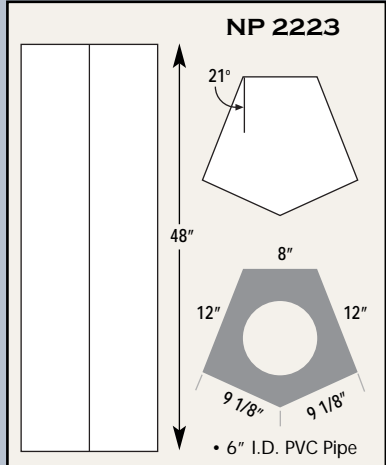
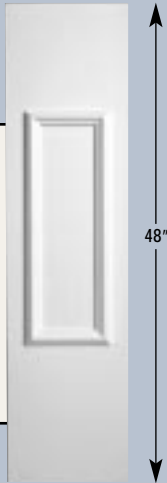


## NEWEL POSTS



### Newel Posts

- Newel Posts available as S, C, E or A styles as shown above.
- Newel Caps are a separate piece. See pages 27-28 for selection.
- Newel Posts can be cut to desired height.
- See page 29 for Newel Post Hardware.
- I.D. refers to inside diameter/O.D. refers to outside diameter.







# BALUSTRADE SYSTEMS

**NOTICE :**

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

**NEW**

**NP 2224**

• 6" I.D. PVC Pipe  
• Panel - 10" x 13 7/8"

**NEW**

**NP 2225**

• 6" I.D. PVC Pipe  
• Panel - 7 1/2" x 20"

**NEW**

**NP 2226**

• 6" I.D. PVC Pipe  
• Panel - 5 3/4" x 12 1/2"

**NEW**

**NP 2227**

• 6" I.D. PVC Pipe  
• Panel - 5 5/8" x 12 1/2"

## NEWEL POSTS



Photo above illustrates the use of the following Spectis products: decorative custom gable end, baluster BAL 2000-25 and rail RAL 2100 top & bottom.

### Newel Posts

**S**  
Straight

**C**  
Corner

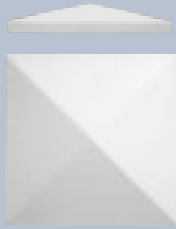
**E**  
End

**A**  
Angle

- Newel Posts available as S, C, E or A style as shown above.
- Newel Caps are a separate piece. See pages 27-28 for selection.
- Newel Posts can be cut to desired height.
- See page 29 for Newel Post Hardware.
- I.D. refers to inside diameter/O.D. refers to outside diameter.



# BALUSTRADE SYSTEMS



**NC 2300**

- 7 1/2" Square
- 1 1/2" Height

**NC 2301**

- 12 1/2" Square
- 1 1/2" Height

**NC 2305**

- 8 1/2" Square
- 1 3/4" Height

**NC 2307**

- 6" Square
- 1 3/4" Height

**NC 2310**

- 14" Square
- 5" Height

**NC 2318**

- 40" Square
- 3" Height

**NC 2321**

- 4 1/2" Square
- 1 1/4" Height

**NC 2324**

- 23 5/8" Square
- 5" Height

**NC 2325**

- 14" Square
- 2 1/2" Height

**NC 2331**

- 28 1/2" Square
- 2 1/2" Height

**NC 2332**

- 9" Square
- 1 3/4" Height

**NC 2333**

- 10 3/4" Square
- 1 3/4" Height

**NC 2336**

- 10" Square
- 1 3/4" Height

## NEWEL CAPS



Bottom Measurements

**NC 2304**

- 7 3/4" Square
- 3" Height

**NC 2316**

- 8 1/2" Square
- 2 3/4" Height

**NC 2316-FS**

- 8 1/2" Square
- 2 3/4" Height

**NC 2317**

- 12 3/4" Square
- 4 3/8" Height

**NC 2319**

- 10 5/8" Square
- 4 1/4" Height

**NC 2326**

- 17" Square
- 5 7/16" Height

**NC 2327**

- 18" Square
- 5 7/16" Height

**NC 2337**

- 13 1/2" Square
- 5" Height



Bottom Measurements

**NC 2306**

- 6 1/2" Square
- 3 5/8" Height

**NC 2308**

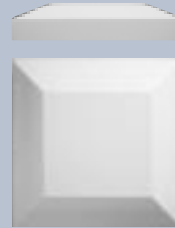
- 7 3/4" Square
- 4 3/8" Height

**NC 2334**

- 9" Square
- 4 3/8" Height

**NC 2334-FS**

- 9" Square
- 4 3/8" Height
- Fossil Stone Texture

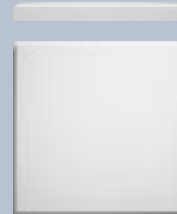


**NC 2311**

- 14" Square
- 3 1/4" Height

**NC 2329**

- 15 13/16" Square
- 2 1/2" Height



**NC 2312**

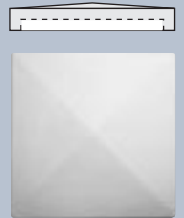
- 14" Square
- 1 1/2" Height

**NC 2313**

- 6 1/4" Square
- 1 1/4" Height

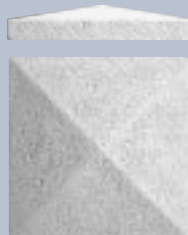
**NC 2314**

- 8 3/4" Square
- 1 1/2" Height



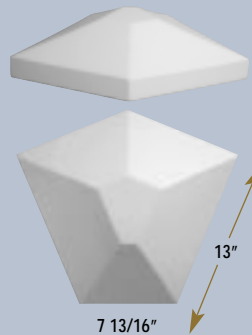
**NC 2320**

- 13" Recessed Square Bottom
- 2 1/2" Height



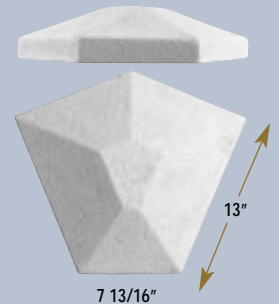
**NC 2309-FS**

- 15" Square
- 2 7/8" Height
- Fossil Stone Texture



**NC 2315**

- at 45°
- 3 3/4" Height



**NC 2315-FS**

- at 45°
- 3 3/4" Height
- Fossil Stone Texture



PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

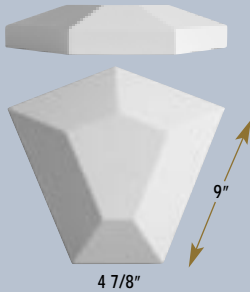
# BALUSTRADE SYSTEMS



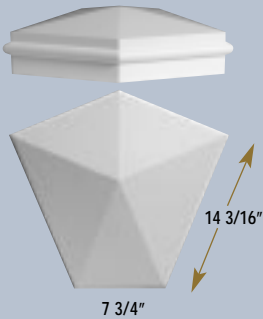
Photo above illustrates the following Spectis products: baluster BAL 2059-27, rails RAL 2100 top & bottom, newel post NP 2212 and newel cap NC 2319.



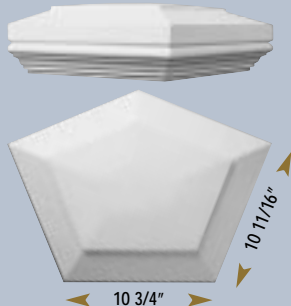
**NC 2328**  
 • 17" Square  
 • 3" Height



**NC 2330**  
 • 2 1/4" Height



**NC 2338**  
 • 5" Height



**NC 2335**  
 • 4 3/8" Height



**NEW**  
**NC 2339**  
 • 20" Square  
 • 1" Height



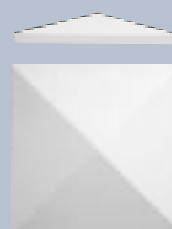
**NEW**  
**NC 2340**  
 • 29" Square  
 • 7" Height



**NC 2341 NEW**  
 • 7 1/2" Square  
 • 1 3/8" Height  
**NC 2345 NEW**  
 • 9 5/8" Square  
 • 1 1/2" Height



**NEW**  
**NC 2342**  
 • 7 1/2" Square  
 • 1 3/8" Height



**NEW**  
**NC 2344**  
 • 7 3/4" Square  
 • 1 1/2" Height



**NEW**  
**NC 2346**  
 • 27 1/8" Square  
 • 4 7/8" Height



**NEW**  
**NC 2343**  
 • 13 1/8" x 48"  
 • 3" Height

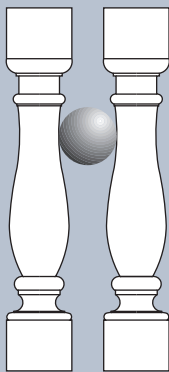


**NEW**  
**NC 2347**  
 • 5 1/2" Square  
 • 3 3/4" Height



## NEWEL POST HARDWARE

- KIN 01-C** • one 1/2" concrete anchor  
• one 8" C-channel  
• one 52" x 1/2" threaded rod
- KIN 01-W** • one floor flange  
• one 8" C-channel  
• four #14 x 2" wood screws  
• one 52" x 1/2" threaded rod
- KIN 02-C** • one 1/2" concrete anchor  
• one 4 1/4" C-channel  
• one 52" x 1/2" threaded rod
- KIN 02-W** • one floor flange  
• one 4 1/4" C-channel  
• four #14 x 2" wood screws  
• one 52" x 1/2" threaded rod
- KIN 03-C** • one 1/2" concrete anchor  
• one 5 1/4" C-channel  
• one 52" x 1/2" threaded rod
- KIN 03-W** • one floor flange  
• one 5 1/4" C-channel  
• four #14 x 2" wood screws  
• one 52" x 1/2" threaded rod
- KIN 04-C** • one 1/2" concrete anchor  
• one 7 1/2" C-channel  
• one 52" x 1/2" threaded rod
- KIN 04-W** • one floor flange  
• one 7 1/2" C-channel  
• four #14 x 2" wood screws  
• one 52" x 1/2" threaded rod
- KIN 05-C** • two 1/2" concrete anchor  
• two 17 1/2" C-channel  
• two 34" x 1/2" threaded rod
- KIN 05-W** • two floor flange  
• two 17 1/2" C-channel  
• four #14 x 2" wood screws  
• two 34" x 1/2" threaded rod
- KIN 06-C**  
**NEW** • one 1/2" concrete anchor  
• one 6 1/2" C-channel  
• one 52" x 1/2" threaded rod
- KIN 06-W**  
**NEW** • one floor flange  
• one 6 1/2" C-channel  
• four #14 x 2" wood screws  
• one 52" x 1/2" threaded rod



### 4" BALL RULE

To meet most building code regulations a 4" ball can't pass through the widest opening between balusters. Purchaser must check for system suitability in their area. Spectis makes no guarantee of suitability on any specific application.

*Photo right illustrates the following Spectis products: rail RAL 2101 top & bottom, newel post NP 2201 and newel cap NC 2317.*

# BALUSTRADE SYSTEMS



## BALUSTRADE SYSTEM INSTALLATION KITS

### RAILING HARDWARE



- KIR 01** • four 4 1/4" prepunched aluminum brackets  
• four 5/16 x 2 1/2" bolts w/nuts and lock washers  
• sixteen #14 x 2" wood screws
- KIR 02** • four 2 1/2" prepunched aluminum brackets  
• four 5/16 x 2 1/2" bolts w/nuts and lock washers  
• four #14 x 2" wood screws
- KIR 03** • four 1 3/4" prepunched aluminum brackets  
• four 5/16 x 2 1/2" bolts w/nuts and lock washers  
• four #14 x 2" wood screws

### NEWEL POST INSTALLATION KITS

KIT NUMBER	FOR NEWEL POSTS
KIN 01-C*	NP 2201, NP 2208, NP 2209
KIN 01-W*	NP 2210, NP 2216, NP 2225, NP 2226, NP 2227
KIN 02-C*	NP 2207, NP 2214
KIN 02-W*	
KIN 03-C*	NP 2215, NP 2219, NP 2223
KIN 03-W*	
KIN 04-C*	NP 2206
KIN 04-W*	
KIN 05-C*	NP 2213, NP 2224
KIN 05-W*	
KIN 06-C*	NP 2200, NP 2211, NP 2212
KIN 06-W*	NP 2218

C\* = concrete installation W\* = wood

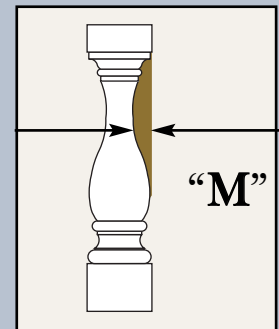
### RAILING INSTALLATION KITS

KIT NUMBER	FOR RAILINGS
KIR 01	RAL 2100, RAL 2101, RAL 2103, RAL 2105, RAL 2106, RAL 2107, RAL 2108, RAL 2111, RAL 2112, RAL 2113, RAL 2117, RAL 2119
KIR 02	RAL 2102, RAL 2104, RAL 2110, RAL 2116, RAL 2120, RAL 2121, RAL 2122, RAL 2123
KIR 03	RAL 2114, RAL 2115,

• See pages 187-189 for complete balustrade installation instructions.

### RAILING SUPPORT BLOCKS

NUMBER	HEIGHT	WIDTH	LENGTH	
SUP 01	4"	3 5/8"	4"	RAL 2104
SUP 02	2"	3 5/8"	4"	
SUP 03	4"	6"	6"	RAL 2102, RAL 2105
SUP 04	2"	6"	6"	
SUP 05	4"	7"	8"	RAL 2100, RAL 2103
SUP 06	2"	7"	8"	
SUP 07	4"	12"	12"	RAL 2101
SUP 08	2"	12"	12"	



"M" DIMENSION







# BALUSTRADE SYSTEMS

**NOTICE :**

PL PREMIUM ADHESIVE MUST BE USED ON ALL BEDDING/BUTT JOINTS.

## MAXIMUM SPACING AND HOLE SAW SIZE GUIDE FOR BALUSTERS

Item Number	"M" Dimension	Max. Space 4" Ball Rule	Hole Saw	Item Number	"M" Dimension	Max. Space 4" Ball Rule	Hole Saw
BAL 2000-16	1 1/8"	1 3/4"	1 13/16"	BAL 2018-30	0"	4"	1 1/16"
BAL 2000-22	1 1/8"	1 3/4"	1 13/16"	BAL 2018-31	0"	4"	1 1/16"
BAL 2000-25	1 1/8"	1 3/4"	1 13/16"	BAL 2019-18	3/4"	2 1/2"	1 1/16"
BAL 2000-28	1 1/8"	1 3/4"	1 13/16"	BAL 2019-20	3/4"	2 1/2"	1 1/16"
BAL 2000-30	1 1/8"	1 3/4"	1 13/16"	BAL 2019-20P	3/4"	2 1/2"	1 1/16"
BAL 2000-33EXT	7/8"	2 1/4"	1 13/16"	BAL 2019-22	3/4"	2 1/2"	1 1/16"
BAL 2000-35EXT	7/8"	2 1/4"	1 13/16"	BAL 2019-24	3/4"	2 1/2"	1 1/16"
BAL 2001-25	7/8"	2 1/4"	1 7/8"	BAL 2019-27	3/4"	2 1/2"	1 1/16"
BAL 2002-20	3"	N/A	2"	BAL 2019-28	3/4"	2 1/2"	1 1/16"
BAL 2005-20	1 1/8"	1 3/4"	1 13/16"	BAL 2019-30	3/4"	2 1/2"	1 1/16"
BAL 2005-23	1 1/8"	1 3/4"	1 13/16"	BAL 2019-30EXT	3/4"	2 1/2"	1 1/16"
BAL 2005-26EXT	1 1/8"	1 3/4"	1 13/16"	BAL 2019-32	3/4"	2 1/2"	1 1/16"
BAL 2005-32EXT	1 1/8"	1 3/4"	1 13/16"	BAL 2019-34	3/4"	2 1/2"	1 1/16"
BAL 2006-32	1"	2"	1 9/16"	BAL 2019-36	3/4"	2 1/2"	1 1/16"
BAL 2007-30	1"	2"	1 13/16"	BAL 2019-40	3/4"	2 1/2"	1 1/16"
BAL 2008-18	7/8"	2 1/4"	1 13/16"	BAL 2020-31	1 1/8"	1 3/4"	1 13/16"
BAL 2009-24	1"	2"	1 1/16"	BAL 2020-36	1 1/8"	1 3/4"	1 13/16"
BAL 2009-26	1"	2"	1 1/16"	BAL 2021-28	1 1/4"	1 1/2"	1 13/16"
BAL 2010-31	2 1/2"	N/A	3 1/16"	BAL 2021-38	1 1/4"	1 1/2"	1 13/16"
BAL 2011-20	1"	2"	1 13/16"	BAL 2022-23	1"	2"	1 13/16"
BAL 2012-25	2 1/4"	N/A	1 13/16"	BAL 2023-18	1/2"	3"	13/16"
BAL 2012-25FS	2 1/4"	N/A	1 13/16"	BAL 2024-26	1"	2"	1 1/16"
BAL 2013-29	2 1/4"	N/A	2 1/16"	BAL 2024-36EXT	1"	2"	1 1/16"
BAL 2013-29H	N/A	N/A	2 1/16"	BAL 2025-23	1"	2"	1 13/16"
BAL 2014-24	1 3/8"	1 1/4"	2 9/16"	BAL 2026-16	1 1/4"	1 1/2"	1 13/16"
BAL 2015-14.5	0"	4"	1 1/16"	BAL 2027-14	1 1/8"	1 3/4"	1 13/16"
BAL 2015-14.75	0"	4"	1 1/16"	BAL 2027-19	1 3/8"	1 1/4"	1 13/16"
BAL 2015-18.5	0"	4"	1 1/16"	BAL 2027-20	1 3/8"	1 1/4"	1 13/16"
BAL 2015-20	0"	4"	1 1/16"	BAL 2027-20FS	1 3/8"	1 1/4"	1 13/16"
BAL 2015-21	0"	4"	1 1/16"	BAL 2027-21	1 3/8"	1 1/4"	1 13/16"
BAL 2015-24	0"	4"	1 1/16"	BAL 2027-22	1 3/8"	1 1/4"	1 13/16"
BAL 2015-28	0"	4"	1 1/16"	BAL 2027-24	1 3/8"	1 1/4"	1 13/16"
BAL 2015-32	0"	4"	1 1/16"	BAL 2027-26	1 3/8"	1 1/4"	1 13/16"
BAL 2015-340"	0"	4"	1 1/16"	BAL 2027-27	1 3/8"	1 1/4"	1 13/16"
BAL 2015-36	0"	4"	1 1/16"	BAL 2027-30	1 3/8"	1 1/4"	1 13/16"
BAL 2015-37.75	0"	4"	1 1/16"	BAL 2027-32	1 3/8"	1 1/4"	1 13/16"
BAL 2015-58	0"	4"	1 1/16"	BAL 2027-32FS	1 3/8"	1 1/4"	1 13/16"
BAL 2015-63	0"	4"	1 1/16"	BAL 2027-34	1 3/8"	1 1/4"	1 13/16"
BAL 2016-27	2"	0"	1 9/16"	BAL 2027-35	1 3/8"	1 1/4"	1 13/16"
BAL 2017-22	2 3/4"	N/A	1 13/16"	BAL 2027-36	1 3/8"	1 1/4"	1 13/16"
BAL 2018-12	0"	4"	1 1/16"	BAL 2028-9	2"	3 1/4"	N/A
BAL 2018-12.25	0"	4"	1 1/16"	BAL 2028-12	2"	3 1/4"	N/A
BAL 2018-14	0"	4"	1 1/16"	BAL 2029-30	1"	2"	1/2"
BAL 2018-20	0"	4"	1 1/16"	BAL 2030-18	1 1/8"	1 3/4"	1 13/16"
BAL 2018-25	0"	4"	1 1/16"	BAL 2031-25FS	1"	2"	1 13/16"
BAL 2018-25P	0"	4"	1 1/16"	BAL 2031-28FS	1"	2"	1 13/16"
BAL 2018-27	0"	4"	1 1/16"	BAL 2031-30FS	1"	2"	1 13/16"

These measurements are SPECIFIC for each baluster.



# BALUSTRADE SYSTEMS



## MAXIMUM SPACING AND HOLE SAW SIZE GUIDE FOR BALUSTERS

Item Number	"M" Dimension	Max. Space 4" Ball Rule	Hole Saw	Item Number	"M" Dimension	Max. Space 4" Ball Rule	Hole Saw
BAL 2032-29	2"	0"	1 13/16"	BAL 2060-12	0"	4"	2 9/16"
BAL 2032-31	2"	0"	1 13/16"	BAL 2061-40	7/8"	2 1/4"	1 3/16"
BAL 2033-20	3/4"	2 1/2"	1 13/16"	BAL 2062-20	3/4"	2 1/2"	1 1/16"
BAL 2033-26	3/4"	2 1/2"	1 13/16"	BAL 2063-27	2 3/4"	N/A	1 13/16"
BAL 2033-32EXT	3/4"	2 1/2"	1 13/16"	BAL 2064-35	3 1/4"	N/A	4 7/16"
BAL 2034-28	1 7/8"	1/4"	2 9/16"	BAL 2065-24	1 1/4"	1 1/2"	1 13/16"
BAL 2034-35	2 1/2"	N/A	2 9/16"	BAL 2066-22	1 1/4"	1 1/2"	1 13/16"
BAL 2035-28	2"	0"	2 9/16"	BAL 2067-24L	0"	4"	N/A
BAL 2036-21	1 1/2"	1"	1 13/16"	BAL 2067-24R	0"	4"	N/A
BAL 2036-29	1 1/2"	1"	1 13/16"	BAL 2068-20	3/4"	2 1/2"	1 1/16"
BAL 2037-26	1 3/4"	1/2"	1 13/16"	BAL 2069-28	1 3/8"	1 1/4"	1 1/16"
BAL 2038-36	1"	2"	1 13/16"	BAL 2070-29	1 3/4"	1/2"	1 3/16"
BAL 2039-18	7/8"	2 1/4"	1 1/16"	BAL 2071-30	1/2"	3"	3 1/16"
BAL 2039-21	7/8"	2 1/4"	N/A	BAL 2072-27	1/2"	3"	3 1/16"
BAL 2040-23	2"	0"	2 9/16"	BAL 2073-38	2 3/4"	N/A	2 9/16"
BAL 2041-29	3/4"	2 1/2"	1 13/16"	BAL 2074-20	3/4"	2 1/2"	1 13/16"
BAL 2041-29FS	3/4"	2 1/2"	1 13/16"	BAL 2075-25FS	0"	4"	1 1/16"
BAL 2042-27	3/4"	2 1/2"	1 13/16"	BAL 2076-24	1 1/4"	1 1/2"	1 13/16"
BAL 2042-30	3/4"	2 1/2"	1 13/16"	BAL 2077-31	2 1/4"	N/A	3 1/16"
BAL 2042-36EXT	3/4"	2 1/2"	1 13/16"	BAL 2078-10	1 1/4"	1 1/2"	13/16"
BAL 2043-19	2"	0"	1 1/16"	BAL 2079-20	1"	2"	1 9/16"
BAL 2044-20	2 3/4"	N/A	2 3/16"	BAL 2080-18	5/8"	2 3/4"	1 3/16"
BAL 2045-12	N/A	N/A	3/4"	BAL 2082-28	1 3/4"	1/2"	2 9/16"
BAL 2046-14	0"	4"	1 1/16"	BAL 2083-22	1"	2"	1 1/16"
BAL 2046-25	0"	4"	1 1/16"	BAL 2084-24	1 1/2"	1"	1 1/16"
BAL 2046-25FS	0"	4"	1 1/16"	BAL 2085-22	1"	2"	1 7/16"
BAL 2046-26	0"	4"	1 1/16"	BAL 2086-28	0"	4"	1 5/8"
BAL 2046-32	0"	4"	1 1/16"	BAL 2087-23	1 7/16"	1 1/16"	1 3/16"
BAL 2046-36	0"	4"	1 1/16"	BAL 2088-15	NO PIPE	NO PIPE	N/A
BAL 2046-38	0"	4"	1 1/16"	BAL 2088-30	NO PIPE	NO PIPE	N/A
BAL 2046-42	0"	4"	1 1/16"	BAL 2089-23	1 1/2"	1"	2"
BAL 2047-31	1 3/8"	1 1/4"	1 7/16"	BAL 2090-15	1 5/8"	1 1/16"	1 3/4"
BAL 2047-34	1 3/8"	1 1/4"	1 7/16"	BAL 2091-24	1 1/32"	1 15/16"	1 1/4"
BAL 2048-25	2 1/2"	N/A	1 13/16"	BAL 2092-17	7/16"	3 3/16"	7/8"
BAL 2049-26	1 3/4"	1/2"	3 1/16"	BAL 2093-25	1"	2"	1 3/4"
BAL 2050-32	1 1/2"	1"	1 7/16"	BAL 2094-21	1 5/8"	1 1/16"	1 1/4"
BAL 2051-24	7/8"	2 1/4"	1 9/16"	BAL 2095-23	1 1/32"	1 15/16"	2 5/8"
BAL 2052-18	1 1/4"	1 1/2"	1 9/16"	BAL 2096-30	1 1/16"	1 7/8"	1 1/4"
BAL 2053-28	1 1/4"	1 1/2"	1 9/16"	BAL 2097-33	1 1/16"	1 7/8"	1"
BAL 2053-36	1 1/4"	1 1/2"	1 9/16"	BAL 2098-26	1 5/16"	2 1/16"	1 3/4"
BAL 2054-24	1 1/2"	1"	2 9/16"	BAL 2099-24	1 15/16"	1/8"	2 5/8"
BAL 2055-32	1 1/4"	1 1/2"	1 1/16"	BAL 2200-28	1 1/16"	1 7/8"	2 1/8"
BAL 2056-19	1"	2 1/8"	2 3/16"	BAL 2201-24	1 1/4"	1 7/16"	3 3/4"
BAL 2057-33	1 1/4"	1 1/2"	1 3/16"	BAL 2202-19	2"	0"	2 1/8"
BAL 2058-24	7/8"	2 1/4"	1 3/16"	BAL 2203-30	7/16"	3 1/8"	1 1/4"
BAL 2059-18	1"	2"	2 1/16"	BAL 2204-24	1 7/8"	1/4"	2 1/8"
BAL 2059-24	1"	2"	2 1/16"	BAL 2205-28	1 5/8"	3/4"	2 1/8"
BAL 2059-27	1"	2"	2 1/16"				

These measurements are SPECIFIC for each baluster.

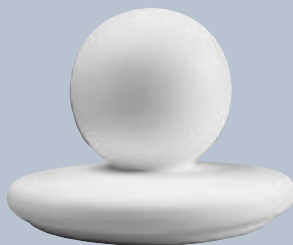




# BALUSTRADE SYSTEMS

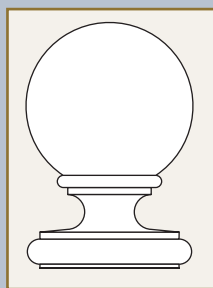
## AC 49H

- 4 1/2" Diameter
- 9 3/8" Height
- 4 9/16" Base Dia.



## BA 6/BB 13

- 6" Diameter
- 7 3/4" Height
- 10 1/2" Base Dia.
- 2 Parts



## BA 18/BB 14

- 16 1/2" Diameter
- 26 1/2" Height
- 17 11/16" Base Dia.
- 2 Parts



## BA 12.5

- 12 1/2" Square Base
- 21" Height
- 12" Diameter Ball
- 2 Parts



## BA 3

- 3" Diameter
- 4 1/8" Height
- 3" Base Dia.

## BA 5

- 5" Diameter
- 6 1/2" Height
- 5" Base Dia.

## BA 6

- 6" Diameter
- 8" Height
- 6" Base Dia.

## BA 7

- 7" Diameter
- 8 3/4" Height
- 7" Base Dia.

## BA 9

- 9" Diameter
- 11 9/16" Height
- 7 9/16" Base Dia.

## BA 10

- 10" Diameter
- 13 1/2" Height
- 10" Base Dia.

## BA 12

- 12" Diameter
- 15 3/4" Height
- 12" Base Dia.

## AC 49F

- 4 1/2" Diameter
- 9 3/8" Height
- 4 9/16" Base Dia.

## AC 611H

- 6 5/8" Diameter
- 11 3/4" Height
- 6 5/8" Base Dia.

## ACCESSORIES

## BA 4KN

- 4" Diameter
- 5" Height
- 3 1/4" Base Dia.

## AC 611F

- 6 5/8" Diameter
- 11 3/4" Height
- 6 5/8" Base Dia.

## BA 7KN

- 7" Diameter
- 8 1/2" Height
- 7" Base Dia.

## BA 8L

- 8" Diameter
- 11 1/4" Height
- 7" Base Dia.

## BA 8NB

- 8" Diameter
- 3 7/16" Base Dia.

## PF 11H

- 5 1/4" Diameter
- 11" Height
- 4 1/2" Base Dia.

## PF 14H

- 7 1/2" Diameter
- 14" Height
- 6 1/4" Base Dia.

## PF 11F

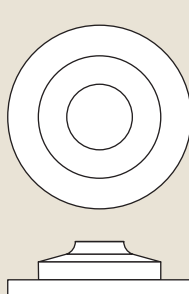
- 5 1/4" Diameter
- 11" Height
- 4 1/2" Base Dia.

## PF 14F

- 7 1/2" Diameter
- 14" Height
- 6 1/4" Base Dia.

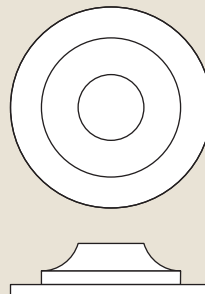
## PT 01

- 4" Square
- 5 1/4" Height



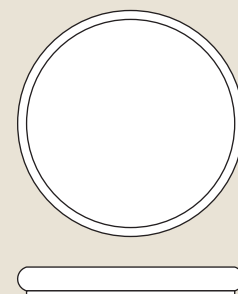
## BB 11

- 4 3/4" Diameter
- 5 1/2" Height
- 18" Base Dia.



## BB 12A

- 26" Diameter



## BB 12B

- 38" Diameter

