

1. Product Name

Integrated™ Post Cap

2. Manufacturer

Formulated Materials, LLC
3010 NW 149th St., SUITE 100
Oklahoma City, OK 73134
Tech Services : (844) 405-3676

www.formulatedmaterials.com

www.formulated.info

3. Product Description

The Integrated™ Post Cap is a powder-coated cap designed to finish the top of the Integrated™ 3 1/2" Railing Post. The post cap provides a clean, finished appearance, prevents water intrusion into the post cavity, and eliminates sharp edges at the top of the post. The cap is installed as the final step after all rail connections are completed. The post cap is compatible with both flange-mount (Direct Mount) and stanchion-mount Integrated™ posts.

Key Features

- Provides a finished appearance at the top of the railing post
- Prevents water intrusion into post cavity
- Eliminates sharp edges at post top
- AAMA 2604 powder-coated finish to match system components
- Press-fit design installed with rubber mallet
- Optional: secure with a small amount of clear silicone adhesive if cap is not a snug fit
- Compatible with both flange-mount and stanchion-mount Integrated™ 3 1/2" posts

Where to Use

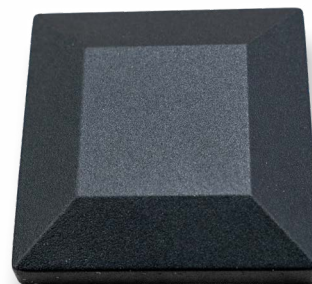
- All Integrated™ Railing System post installations
- Direct Mount (flanged post) configurations
- Stanchion Mount (flangeless post) configurations

Product Composition

Cast 383 aluminum with AAMA 2604 powder-coated finish

Product Limitations

- For use with Integrated™ 3 1/2" Railing Posts only.
- Install per current published instructions only.
- Install only after all rail connections are completed and bracket covers are in place.
- Do not install post cap before rail panel connections are made — cap must be the final post component installed.
- Applying paint other than Formulated Materials authorized touch-up paint will void the product warranty.
- Limitations not to be construed as all inclusive.



Packaging

100 individually wrapped units per box

4. Technical Data

This component is an accessory within the Integrated™ Railing System. Structural performance testing was conducted on the complete railing assembly by Intertek Building & Construction (Report No. P2566.01-119-19 R0, dated 11/16/22) in accordance with the 2021 IBC. The 72 in wide by 42 in high guardrail assembly with 3-1/2 in post mount met the 2021 IBC design load performance requirements. All tested structural components achieved 2.5 times design load without failure. Refer to the structural component TDS documents (posts, rails, brackets, pickets) for detailed test results.

5. Instructions

Tools Required

- Rubber mallet
- Clear silicone adhesive (optional, to prevent cap removal)

Jobsite Conditions

- Post must be fully installed, plumb, and secured before cap installation.
- All rail panel connections must be completed and bracket covers must be in place.
- Ensure top of post is clean, dry, and free of debris, metal shavings, or construction materials before cap installation.

Surface Prep

Confirm the post is fully installed with all rail panel connections completed, all screws tightened, and all bracket covers snapped into place. Clean the top of the post of any debris, metal shavings, sealant, or construction materials. The post opening must be clean and dry to allow proper cap seating.

Installation of Product

1. Verify all rail panel connections on the post are completed and bracket covers are installed.
2. Clean the top of the post of any debris, metal shavings, or construction materials.
3. Place the post cap on top of the post, aligning it squarely with the post profile.
4. Using a rubber mallet, tap the cap firmly into place until securely fitted. The cap should seat flush with the top of the post on all four sides.
5. If the cap is not a snug fit, remove the cap and apply a small amount of clear silicone adhesive to the inside lip of the cap. Reinstall and press firmly into place.
6. Verify the cap is fully seated, level, and provides a clean finished appearance.
7. Wipe away any excess adhesive immediately with a clean cloth.

Storage & Protection

- Store in original packaging until ready for use.
- Keep in a dry, covered area to prevent damage to powder-coated finish.
- Do not stack heavy items on top of post cap packaging.
- Avoid prolonged contact with dissimilar metals to prevent galvanic corrosion.

Health Precautions

- Follow all local safety regulations, including OSHA Section V: Chapter 4 for Fall Protection in Construction.
- Always wear safety glasses when cutting, drilling, and assembling the product. Use hearing protection when operating power saws.
- Always review the full label and Safety Data Sheet (SDS) for detailed precautionary instructions before use.

Conformance to Building Codes

Installation must comply with all applicable local, state, and federal codes, regulations, and industry standards. The installer is solely responsible for ensuring compliance with all local building codes and safety requirements, and for obtaining all required building permits.

6. Availability

Item	Description	Size	Qty/Unit	Per Pallet
10608	Post Cap	1"x 3.5"x 3.5"	100/Box	5,000

7. Product Warranty

For details and complete warranty information, visit www.formulatedmaterials.com.

8. Product Maintenance

Properly installed products do not require ongoing maintenance. For coastal installations (within one mile of saltwater coastline), clean railing surfaces quarterly with mild soap and water to maintain finish warranty coverage. Refer to the Integrated™ Railing System Limited Warranty for complete care and maintenance requirements.

9. Technical Services Information

For Technical Services, contact Formulated Materials at (844) 405-3676.

10. Filing System

Additional product information is available from Formulated Materials upon request.



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