

Manufacturer Documentation: Spec Sheet & Compliance Summary

Product Name: HY-GUARD EXCLUSION® Nest Blocker™ for Sidewall Sprinklers

1. Product Overview

The **Nest Blocker™** is an engineered bird-deterrent shield designed to prevent bird nesting and roosting activity on or above wall-mounted (sidewall) fire sprinkler heads. Constructed from durable, **powder-coated steel**, the device provides a **non-intrusive physical barrier** that maintains compliance with sprinkler spray and thermal detection requirements.

This product is intended for use in **outdoor or semi-exposed environments**, where bird activity could impair sprinkler function or cause code compliance issues.

2. Intended Use

Nest Blocker™ is designed to be installed in:

- Parking garages
 - Covered canopies and breezeways
 - Loading docks
 - Stairwells
 - Any vertical surface where sidewall sprinklers are vulnerable to obstruction due to bird nesting activity
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3. Material Composition

- **Material:** Powder-coated, corrosion-resistant **steel**
 - **Combustibility:** Non-combustible
 - **Certification:** Constructed from **UL-recognized materials**
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4. Mounting Location

- Installed **directly above** the sprinkler assembly
 - Does **not** interfere with the line of the deflector's spray arc or thermal sensing area
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5. Spray Pattern Preservation

Nest Blocker™ maintains the integrity of the sprinkler's:

- **Horizontal or semi-circular spray distribution**
- **Thermal response zones**

No part of the device encroaches on the defined discharge pattern.

6. Compliance Summary

This product is designed to comply with **NFPA 13 (2022 Edition)** regarding sprinkler obstructions:

- **Section 10.2.7.1:**
“Sprinklers shall be installed so that obstructions do not prevent the distribution of the spray pattern.”

Design Compliance Highlights:

- Positioned **outside of obstruction clearance zones**
 - Does **not** interfere with spray pattern or thermal detection
 - **Easily removable** for inspection or maintenance
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7. Recommended Applications

Ideal for use in areas where traditional bird deterrents (e.g., spikes, gels, netting) are ineffective or impractical:

- Locations with **chronic bird nesting** activity
 - Exposed or partially enclosed **commercial facilities**
 - Any situation requiring NFPA 13 compliance in **challenging environments**
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Note:

Nest Blocker™ is *designed to meet NFPA 13 clearance requirements* but is always *subject to the Authority Having Jurisdiction (AHJ) approval*.