

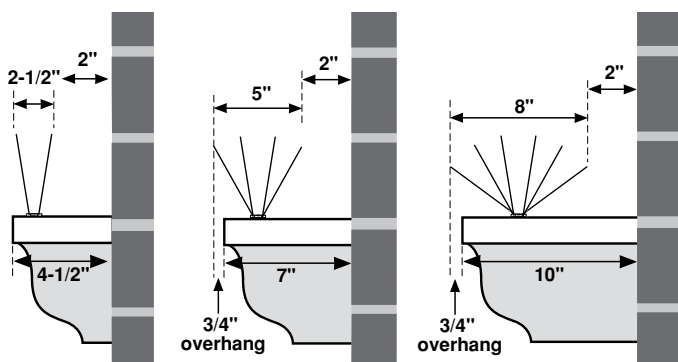
# Dura-Spike™

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Bird Barrier Dura-Spike

## MR-Manufacturer

Bird Barrier America, Inc. manufactures the patented Dura-Spike from high-grade stainless steel.



## PR-Product Presentation

Dura-Spike is a low cost stainless steel ledge product. It deters pigeons and larger birds from roosting and nesting on light to heavy pressure ledges, lbeams, parapets, overhangs, pipes, signs, edges of roofs, chimneys, etc.

The long stainless steel rods protrude upwards and outwards in a manner which makes it impossible for pigeons to land, and because the rods are spaced 1.5" apart, and are not sharp, they do not gather debris and nesting materials like other spiked ledge products on the market.

With Dura-Spike's durable, stainless steel base, installation is simple. Simply glue the base to your ledge with Bird Barrier Bond, and you're done. There are no clumsy clips or special attachments to worry about. The base also features pre-drilled holes so you can use screws or nails instead of glue if you prefer.

Dura-Spike narrow, wide and xtra wide can be used in combinations to protect any ledge width. Please refer to the diagrams above for examples.

## Dura-Spike Narrow

Rod Material : 302 Stainless Steel, 18 per foot  
Base Material: 302 Stainless Steel  
Width: 2" (5.0 cm)  
Height: 4.5" (11.5 cm)  
Length: 36" (91.44 cm) per piece

## Dura-Spike Wide

Rod Material : 302 Stainless Steel, 18 per foot  
Base Material: 302 Stainless Steel  
Width: 4.5" (20.5 cm)  
Height: 4.5" (12 cm)  
Length: 36" (91.44 cm) per piece

## Dura-Spike Xtra Wide

Rod Material : 302 Stainless Steel, 30 per foot  
Base Material: 302 Stainless Steel  
Width: 8" (11.5 cm)  
Height: 4.5" (11.11 cm)  
Length: 36" (91.44 cm) per piece

## UA-Uses, Applications

Dura-Spike can be used to control a wide variety of architectural bird problems caused by pigeons and larger birds. Dura-Spike Narrow, Wide and Xtra Wide can be used in combinations to protect any width ledge. The tips of Dura-Spike can be spaced up to 2.5 inches apart from each other and up to 2 inches from the back wall of the ledge. Dura-Spike can withstand the heaviest bird pressure (see introduction) of any ledge product on the market, and therefore should be the first choice if there are nests on the ledge to be protected. Wider ledges (more than 24 inches wide) with heavy pressure bird problems should be protected with Bird Barrier's StealthNet.

## AI-Assembly, Installation

Dura-Spike is provided in finished form and does not require any assembly. Simply glue the stainless steel base directly to the ledge using Bird Barrier Bond (2 hour set time) or Bird Barrier Super Bond (1 hour set time), or screw or nail the base directly to the ledge.

## MF-Materials, Finishes

Dura-Spike is made entirely of 302 grade stainless steel..

## TS-Technical Support

Bird Barrier's knowledgeable field representatives are available to assist in any aspect of evaluation, product recommendation and even local certified installation. Call 800-503-5444, or fax drawings and other pertinent information to 310-527-8005. Free literature, catalog, job evaluation worksheets and installation information is available.

## SPECIFICATION GUIDELINES

### General

#### 1.1 Description

1.1.1 Install Bird Barrier Dura-Spike on exposed or protected ledges where birds loaf, roost or nest, to prevent damage from droppings and nesting materials.

#### 1.2 Quality Assurance

1.2.1 Obtain technical literature from manufacturer or distributor, telephone consultation and plan/photograph evaluation. 1.2.2 Utilize certified installation companies in your area who are fully skilled with Bird Barrier products, and carry the proper insurance coverage.

1.2.3 Utilize labor recommended by Bird Barrier for especially challenging applications.

#### 1.3 Submittals

1.3.1 Submit manufacturer's samples, catalog cuts, shop sketches and other descriptive material.

#### 1.4 Product Handling

1.4.1 Protect Bird Barrier Dura-Spike from damage before, during and after installation.

1.4.2 If damage occurs to Bird Barrier Dura-Spike, make all replacements immediately.

### Products

#### 2.1 Acceptable Manufacturer

2.1.1 Bird Barrier America, Inc., 20925 Chico Street, Carson, CA 90746. Phone 800-503-5444, Fax 310-527-8005

#### 2.2 Model Designation

2.2.1 Dura-Spike Narrow (BP-S200)

2.2.2 Dura-Spike Wide (BP-S400)

2.2.3 Dura-Spike Xtra-Wide (BP-S600)

### Material

#### Dura-Spike Narrow

Rod Material : 302 grade Stainless Steel, 12 per foot

Base Material: 302 grade Stainless Steel

Width: 2.5" (6.35 cm)

Height: 4.5" (11.5 cm)

Length: 36" (91.44 cm) per piece

#### Dura-Spike Wide

Rod Material : 302 grade Stainless Steel, 24 per foot

Base Material: 302 grade Stainless Steel

Width: 5" (12.7 cm)

Height: 4.5" (11.5 cm)

Length: 36" (91.44 cm) per piece

#### Dura-Spike Xtra-Wide

Rod Material : 302 grade Stainless Steel, 36 per foot

Base Material: 302 grade Stainless Steel

Width: 8" (20.5 cm)

Height: 4.75" (12 cm)

Length: 36" (91.44 cm) per piece

### 2.3 Mounting Systems

2.3.1 Bird Barrier Bond (2 hour cure) or Super Bond (1 hour cure) for steel, stone, concrete, wood or other surfaces where holes are not desired.

2.3.2 Self-tapping stainless steel screws for sheet metal surfaces.

2.3.3 Self-tapping wood screws for wood surfaces.

### Execution

#### 3.1 Examination

3.1.1 Examine installation area. Notify architect of detrimental work conditions.

3.1.2 Do not proceed until conditions are corrected.

#### 3.2 Surface Preparation

3.2.1 Ledges and mounting surfaces shall be cleaned with a combination of Bird Barrier's cleaning products, Dissolve-It, Disinfect-It or Absorb-It when applicable. The surface should then be dry and free of peeling paint, rust, bird droppings or other debris. Bird droppings shall be removed in a safe manner; large quantities shall be removed and disposed of by reputable waste removal companies.

3.2.2 Remove or repair articles that may damage the Dura-Spike after installation, such as tree limbs, brush, and loose parts of the building.

#### 3.3 Installation

3.3.1 Installing Dura-Spike on surfaces not able to be drilled using Bird Barrier Bond. Apply 4-5 quarter sized dabs of Bird Barrier Bond to the base of the 3-foot piece of Dura-Spike and apply to surface to be protected. Follow recommended installation instructions, which are supplied by the manufacturer. The Dura-Spike shall overhang the ledge by 1/4", and the tips can be up to 2.5" from the back wall of the ledge.

3.3.2 Dura-Spike shall cover the complete ledge, not just the outer perimeter. Dura-Spike shall extend to each corner. Dura-Spike is an anti-landing device, not a barrier. It is acceptable to leave 2.5" between rows (measured from the tip of the rods) of Dura-Spike narrow or wide.

3.3.3 Dura-Spike shall be installed straight, or must follow the contours of the architecture perfectly. Uneven spacing of Dura-Spike will result in an unattractive installation, and space left between ends of Dura-Spike will present a landing opportunity for the deterred birds. Refer to Dura-Spike installation literature for details.

#### 3.4 Inspection

3.4.1 Visually inspect Dura-Spike for poor adherence to mounting surfaces, or other problems related to poor installation or surface preparation.

3.4.2 Repair as necessary immediately.

### OM-Operation, Maintenance

If the Dura-Spike is installed per our specifications, the product should be virtually maintenance-free. Occasionally birds might drop debris in the Dura-Spike in an attempt to build a nest, but Dura-Spike is designed to release such debris. Debris which is not released by the product should be removed by maintenance people on a regular basis.