

## Louvers

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### BCZE445

#### Z-Blade Box Corner Penthouse Louver

Furnish and install PRICE Model BCZE445 Architectural Blade Louver of size and shape indicated on the plans and/or as described in schedules. Louvers shall be constructed entirely of extruded aluminum, alloy 6063-T5. Blades and frames shall be minimum 0.081" (2.06mm) wall thickness. Louver assemblies shall be 4" (101.6mm) deep with 45-degree stationary "Z" profile blades.

Louvers shall be designed to withstand a 25 psf (100 mph wind equivalent) wind load.

Each louver shall be fitted with 1/2" (12.7mm) mesh x 0.063" (1.60mm) diameter aluminum bird screen. Bird screen shall be expanded aluminum construction and suitable for {specify: interior or exterior} mounting.

Louvers shall be supplied with a standard mill finish.

If an optional finish is required, please select one of the following:

- Louvers shall be factory primed and finished-after-assembly with a baked enamel resin coating in a colour selected from the colour chart. Primer and resin coating shall be oven baked at 450°F in accordance with the coating manufacturers instructions.
- Louvers shall receive a Class 2 (clear) anodize finish complying with AAMA 611-98. Finish is applied to chemically etched and pretreated aluminum to a minimum thickness of 0.4 - 0.7 mil.
- Louvers shall receive a Class 1 (colour) anodize finish complying with AAMA 611-98. Finish is applied to chemically etched and pretreated aluminum to a minimum thickness of 0.7 - 1.0 mil. Colour shall be Price (specify colour name).

#### Options

Each louver shall be fitted with {select required mesh size: 1/2" (12.7mm), 3/4" (19.1mm) or 1" (25.4mm)} mesh x 0.063" (1.60mm) diameter aluminum bird screen in non-rewirable U-shaped frames for permanently securing screen mesh. Bird screen shall be expanded aluminum construction and suitable for {specify: interior or exterior} mounting.

Each louver shall be fitted with 18 x 16 (1.4 x 1.6mm) mesh, 0.012" (0.03mm) diameter aluminum insect screen in non-rewirable U-shaped frames for permanently securing screen mesh. Insect screen shall be suitable for {specify: interior or exterior} mounting.

Louvers shall be welded construction.

Louvers shall be supplied with a flanged frame.

Louvers shall be supplied with continuous blade section to give the appearance of invisible mullions.

Each louver shall be fitted with an (insulated or non-insulated) aluminum blank-off panel.