

# Princeton Series

## PRINCETON SERIES FRAMES

Optimum's steel window and doors offer reliability and versatility. These characteristics are key when designing a project. This series has been used in countless applications ranging from high-end homes to commercial and industrial applications. One major quality associated with our units is their narrow sightlines. Architects have incorporated this attribute in all aspects of building for over a hundred years, and have designed the gracefulness of steel windows into countless applications. The look is not simply distinctive, it is unique.

### FEATURES

- Solid Hot Rolled Steel window sections
- ANSI/AAMA 101-93 HC40
- 1 7/8" exterior frame depth
- EPDM weather-stripping
- Mitered, welded frame and sash construction
- Uniform sight lines
- Glazed with snap in aluminum glazing beads
- 3/16" to 1 1/8" glazing infill
- Standard Optimum Window colors (refer to OWM color chart)
- Finish on standard colors baked polyester powder coat

### OPTIONS

- RAL colors available as option
- Non metallic color matches are optional & available upon request
- Custom hardware
- Limited operation stops
- Steel brake metal and trim
- Screens

### STANDARD WARRANTIES

- 10 years on finish
- 1 year on operable parts

### LISTINGS

Frame tests performed in accordance with ASTM E283, ASTM E331 & ASTM E330.

### GENERAL TEST RESULTS

(Air) ASTM E283  
@ 6.25psf

(Water) ASTM E331  
@ 5.0gph / ft2

Uniform Load  
ASTM E330

.06 cfm / ft2  
.06 cfm / ft2  
.06 cfm / ft2

WTP @ 6.24 psf  
no  
leakage

120psf  
interior  
exterior

**This information is intended for general reference only. For current listing details, please call Optimum Window Mfg. Corp.**

**\*Note: Test specimen size**