

HR4500 Series

HR4500 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 1/2” 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 3/4” glazing infill, factory glazing available
- 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 @ 6.24psf	(Water) ASTM E331 @5.0gph / ft2	Uniform Load ASTM E330
.06 cfm / ft2	WTP @ 6.24 psf	120psf
.06 cfm / ft2	no	interior
.06 cfm / ft2	leakage	exterior

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

***Note: Test specimen size 48” x 96”**