

UMBRA AC450s METAL AWNING

Exterior Sun Control 10 71 13



Umbra AC450s passive sun control awnings are an excellent solution for shading windows, doors, and interior spaces.

Pre-engineered for most conditions, Umbra AC450s awnings provide economical design options for any passive solar application. Uses include window shading, reducing solar gain, curtain wall accents, and storefront protection. All Umbra awnings contribute to earning LEED credits.

AC450s awnings are modular and built with all aluminum construction using welded connections. All Umbra awnings arrive pre-assembled and ready for installation with a super-durable architectural coating.

Umbra AC450s is designed, engineered and manufactured by Structureworks.

Canopy Configuration:

Extruded aluminum components with welded connections, and solid aluminum sheet.

Awning Widths:

4', 6', 8', 10', Custom up to 10'

Awning Projections:

2', 3', 4', 5', and 6'

Awning Height:

4', 5', and 6'

Awning Wall Attachment:

Concrete embedment and mechanically fastened.

Integrations:

Aura low-voltage lighting can be integrated into awning components. Custom signage for branding and wayfinding can be integrated.

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Submittals

Structureworks will submit shop drawings illustrating plans, elevations, sections and details showing spacing of components and connections. We can provide 2D and 3D CAD files for project-specific drawings, as well as samples of material finish and color options.

As required, Structureworks can perform structural engineering services and submit an engineered plan set prepared by a licensed professional engineer.

Finish

Structureworks uses a multi-step powder coat process to provide an AAMA 2604 compliant low-maintenance finish on aluminum canopies that provides excellent outdoor durability, gloss retention and fade resistance in a variety of colors, sheens, and textures. Simulated woodgrain powder coat can be provided on some components for a low-maintenance wood look.

Engineering

Engineering is a critical step in many projects. Structureworks will engineer a canopy as part of the design process. Our engineering department handles the loads and calculations, connections design, and issues stamped plan sets for permitting. Licensed in 50 states and DC, Structureworks can engineer an architectural canopy to meet your project requirements.

Maintenance

Aluminum canopies are designed to provide a long service life with very little maintenance. Our super-durable architectural coating will provide an attractive, high-quality finish for many years. Inspect mechanical fasteners yearly and adjust as needed

Warranty

30-Year Limited Warranty for canopies. 10-Year Limited Warranty on powder coat finish.



Notes: