

ThermaShade®

Sun Control System for Curtain Wall and Storefronts

enerGfacade®



Integrated Sunshades Lower Energy Use by Decreasing Solar Heat Gain

YKK AP's ThermaShade® system is designed to improve comfort and lower energy consumption. Designers now have a solution that can be applied to both curtain wall and storefront facades to maintain a consistent appearance across the building envelope. The systems are available in all YKK AP standard and premium finishes.

When integrated with YKK AP's thermal curtain wall systems, our innovative anchoring methods ensure that the thermal performances of the host systems are maintained. ThermaShade is the only sunshade system featuring a patented thermal barrier within the attachment anchor. Pre-engineered solutions provide extensive flexibility for design freedom, speed of delivery, and installation.

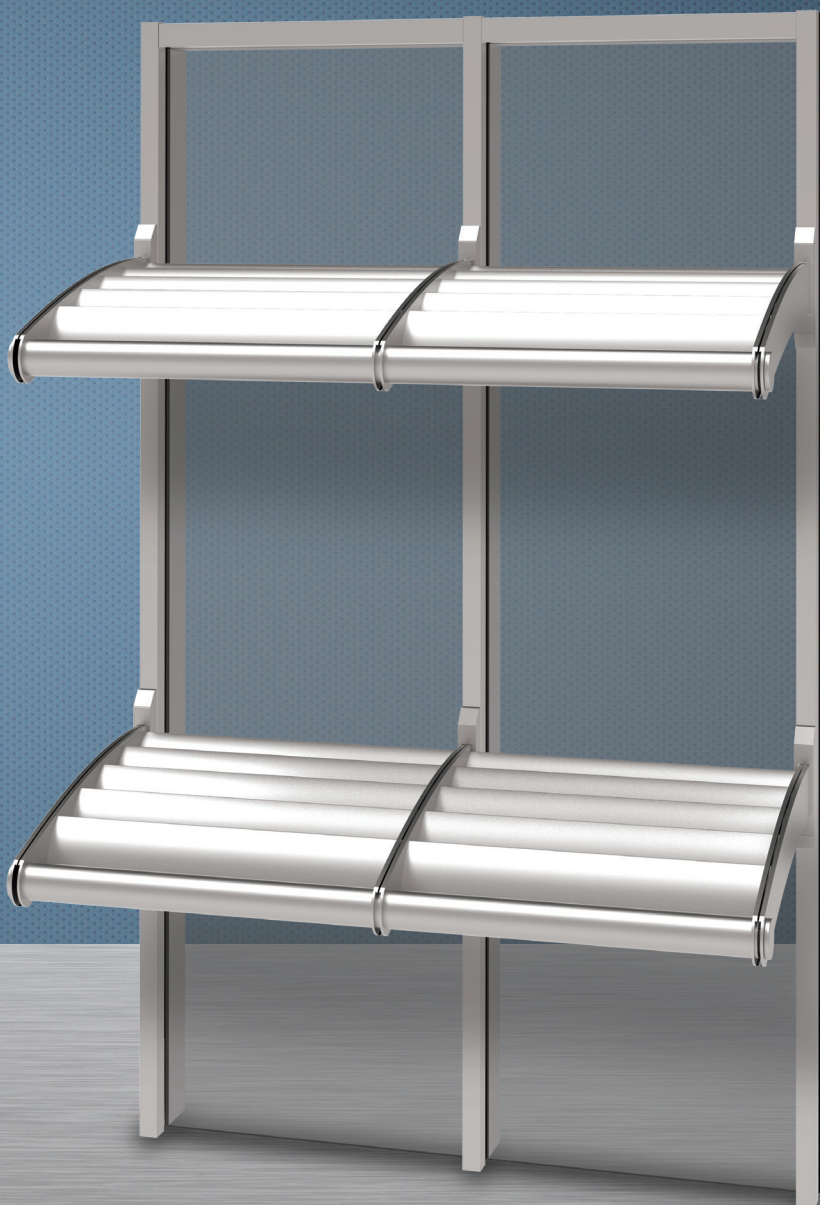
Product Options & Features

- Over 100 pre-engineered solutions available
- Easy to install hook mechanism on outriggers
- Concealed or exposed anchor options
- Pre-engineered 24", 30" and 36" projections
- Standardized 90° inside and outside corners



**YKK
ap**

Quality
inspires®



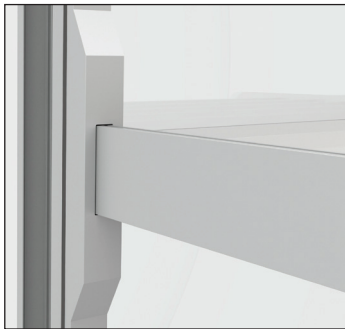
SYSTEM SPECIFICATIONS

System Sightline	Base Depth	Glazing & Config	Glass	Air Infiltration	Water Infiltration	Thermal Performance	Acoustical Performance
System Specifications will vary depending on the base Curtain Wall or Storefront System that is used. Please refer to the specific system CSI specifications or the Test Reports.							
Testing Standards				ASTM E 283	ASTM E 331 & AAMA 501	* NFRC 100 & ** AAMA 1503	ASTM E 90 & 1425

System Options	Curtain Wall - YCW 750 OG, YHC 300 OG Storefront - YES 45 FI, YES 45 TU, YES 45 XT, YHS 50 FI, YHS 50 TU
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Available Finishes	Factory Anodized (AAMA 612) and Organic Paints (AAMA 2604 & AAMA 2605)
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TWO ANCHORING OPTIONS



Concealed Anchor

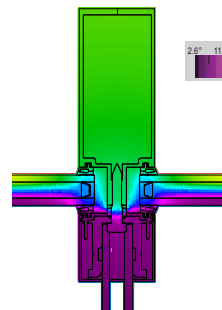
- Conceals fasteners offering a finished aesthetic
- Two concealing cover options
- Pour & Debridged Thermally broken system



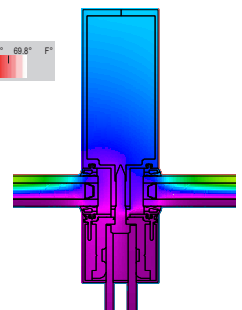
Exposed Anchor

- Exposed fasteners offering an industrial aesthetic
- Pressure plate integrated with anchor
- Thermally broken with Nylon Thermal Insulator

THERMAL PERFORMANCE

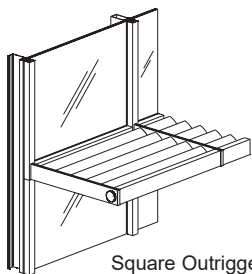


Thermally-Broken Anchor maintains Curtain Wall u-Factor performance

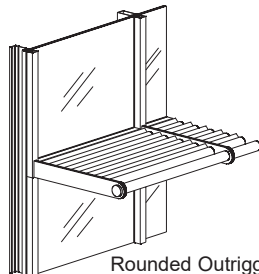


Non-Thermal Anchor can cause up to a 5% decrease in u-Factor performance

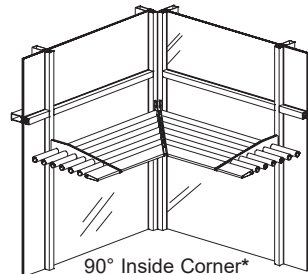
AVAILABLE OUTRIGGERS



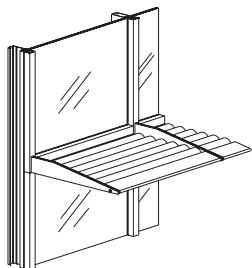
Square Outrigger



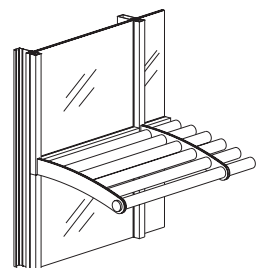
Rounded Outrigger



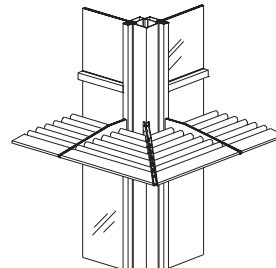
90° Inside Corner*



Wedge Outrigger



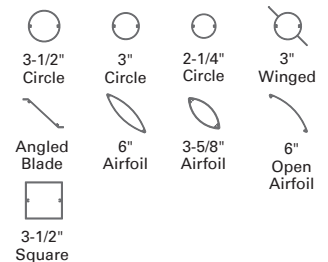
Curved Outrigger



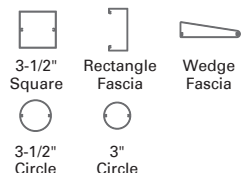
90° Outside Corner*

STYLES & OPTIONS

AVAILABLE LOUVERS



AVAILABLE FASCIA



Additional information including CAD details, CSI specifications, Test Reports, Fenestration Product Rating Certificates and Installation instructions are available online at: www.ykkap.com/commercial/product/sun-control/thermashade/