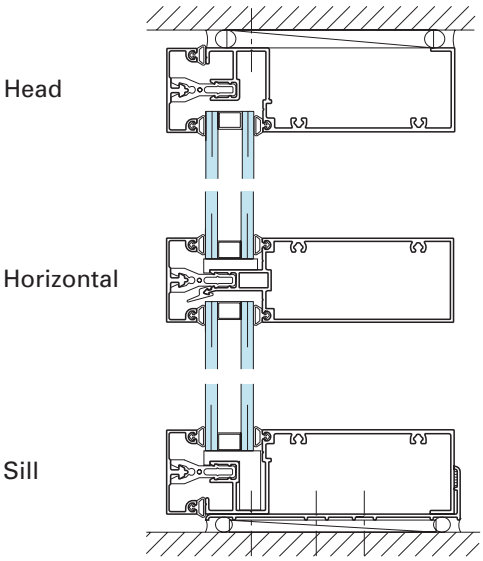
YES 600 PRODUCT DATA

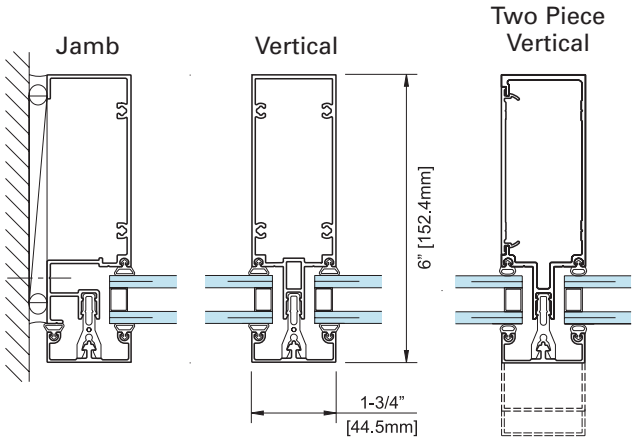
SYSTEM DESCRIPTION:

YES 600 is a thermally broken front loaded storefront system for 1" insulated glass. The system also accepts 1/4" monolithic glazing with glazing adaptors. The thermal break is achieved by employing a unique nylon clip that locks the exterior and interior members together. This method of attaching face members also allows separate finishes to be used on the exterior and interior.

OPTIONS & FEATURES:

- 1-3/4" Face by 4-1/2" or 6" Overall Depth
- Outside Glazed
- Screw Spline or Shear Block Assembly
- Nylon Clip Design Eases Installation and Reduces Labor Costs
- Separate Exterior/Interior Finish Options
- Integral Entrance Door Frames





For additional information on architectural aluminum products offered by YKK AP America Inc. visit our web site at www.ykkap.com.

Cat. No. PDS-YES600-0405

YES 600 PRODUCT DATA

1.01 SUMMARY

A. Section Includes: Aluminum Storefront Systems
   1. YKK AP Series YES 600 Storefront System.
B. Related Sections:
   1. Sealants: Refer to Division 7 Joint Treatment Section for sealant requirements.
   2. Glass and Glazing: Refer to Division 8 Glass and Glazing Section for glass and glazing requirements.

1.02 SYSTEM DESCRIPTION

A. Performance Requirements: Provide aluminum storefront systems that comply with performance requirements indicated, as demonstrated by testing manufacturer's assemblies in accordance with test method indicated.
   1. Wind Loads: Completed storefront system shall withstand wind pressure loads normal to wall plane indicated:
      a. Exterior Walls:
         1) Positive Pressure:
         2) Negative Pressure:
      b. Interior Walls (Pressure Acting in Either Direction):
   2. Deflection: Maximum allowable deflection in any member when tested in accordance with ASTM E 330-90 with allowable stress in accordance with AA Specifications for Aluminum Structures. L/175 or 3/4" (19.1mm) maximum.
   3. Thermal Movement: Provide for thermal movement caused by 180 degrees F. (82.2 degrees C.) surface temperature, without causing buckling stresses on glass, joint seal failure, undue stress on structural elements, damaging loads on fasteners, reduction of performance, or detrimental effects.
   4. Air Infiltration: Completed storefront systems shall have 0.01 CFM/FT^2 (0.018 m^3/h·m^2) maximum allowable infiltration when tested in accordance with ASTM E 283-84 at a differential static pressure of 6.24 PSF (299 Pa).
   5. Water Infiltration: No uncontrolled water on interior face of any component when tested in accordance with ASTM E 331-91 at a static pressure of 25 PSF (1197 Pa).
   6. Thermal Performance: When tested in accordance with AAMA 1503.1-88 and ASTM C 236-89:
      a. Condensation Resistance Factor (CRF): A minimum of 61.
      b. Thermal Transmittance U Value: 0.42 BTU/HR/FT^2/^{o}F or less.

   Note: The CRF for the glazed system as a whole will be affected by the characteristics of the glass specified.

2.01 MANUFACTURERS

A. Acceptable Manufacturers: YKK AP America Inc.
   1. Storefront System: YKK AP YES 600 Storefront System.
B. Storefront Framing System:
   1. Description: Thermally broken, exterior flush glazed; horizontal and vertical framing members shall have a nominal face dimension of 1-3/4". Intermediate horizontals attached by screw spline and/or shear block joinery with concealed fasteners.
   2. Components: Manufacturer's standard extruded aluminum mullions, entrance door framing, and indicated shapes.

2.02 MATERIALS

A. Extrusions: ASTM B 221 (ASTM B 221M), 6063-T5 Aluminum Alloy.

2.03 ACCESSORIES

A. Manufacturer's Standard Accessories:
   1. Fasteners: Zinc plated steel concealed fasteners; Hardened aluminum alloys or AISI 300 series stainless steel exposed fasteners, countersunk, finish to match aluminum color.
   2. Sealant: Non-skinning type, AAMA 803.3
   3. Glazing: Setting blocks, edge blocks, and spacers in accordance with ASTM C 864, shore durometer hardness as recommended by manufacturer; Glazing gaskets in accordance with ASTM C 864.

2.06 FINISHES

A. Anodic Coating: Electrolytic color coating followed by an organic seal applied in accordance with the requirements of AAMA 612-02.
B. High Performance Organic Coating Finish: Factory applied two-coat 70% Kynar resin by Auto Chem or 70% Hylar resin by Ausimont, fluoropolymer based coating system, Polyvinylidene Fluoride (PVF-2), applied in accordance with YKK AP procedures and meeting AAMA 2605 specifications.

For additional information on architectural aluminum products offered by YKK AP America Inc. visit our web site at www.ykkap.com.

Cat. No. PDS-YES600-0405