



T/B Thermally Broken  
Fixed (Picture) Window  
SPECIFICATIONS - SERIES 1251

General – Aluminum window walls shown on plans and specifications shall be HERITAGE Thermally Broken (T/B) Fixed Window series 1251 as manufactured by Tashco Industries, Inc. of Gilbert, Arizona.

MATERIAL– HERITAGE T/B Fixed Window will be constructed of specially designed, extruded sections of 6063T5 tempered aluminum alloy and I-Struts between extrusions in accordance with HERITAGE engineering standards drawings. Struts are fiberglass filled polyamide. Fiberglass strands run with longitudinal consistency for better structural integrity. Minimum wall thickness is to be .062 in aluminum extrusions.

PERIMETER FRAME – Perimeter frame is the same extrusion head, sill and jambs. One hollow (exterior) and 1 solid (interior) aluminum extrusions are combined with 2 ea struts with screw ports. Perimeter frame accepts a reversible nailing fin which permits standard siding or 1" foam and stucco return, snap in glazing stops and setting blocks.

HARDWARE AND CONSTRUCTION - All corners, cross joints, and butt joints to be machine processed to assure tightness of fit and mechanically fastened with 2 #8 screws. All joints are to be sealed by seam sealer. All fixed frames are to be built with an integral weep system that allows water drainage to the sill of the window. Water drains out through gated weep hole covers. Extruded glass stops will fit by snapping tightly to provide sufficient pressure on the push in EPDM seal. Both ends of hollow sill are silicone packed and double sided automotive grade gaskets are used between jamb and the sill ends before the mechanical fastening. All screws in the frame and the sash shall be zinc plated or stainless steel; depending on the location where it will be installed.

GLAZING – Glass and exterior roll in EPDM seal shall be held in place by the snap in extruded glazing stop. Glass is held

between a slide in EPDM foam seal which is held in the frame back wall gland and a roll in EPDM seal in the exterior. The exterior roll in EPDM seal is continuous in 3 corners and chemically welded on the 4<sup>th</sup>. There shall be no glass to metal contact. The interior EPDM seal is chemically welded on each corner. Glass will sit on 4" long and 0.220" thick 80 – 90 durometer EPDM setting blocks. Same setting blocks will support the glass on jambs and head. Insulated glass shall be HERITAGE TOP-PANE™ and double sealed.

INSTALLATION – All units to be installed in prepared openings in accordance with manufacturer's recommendations and installation drawings. Frames must be securely fastened, set plumb and level without twisting, bowing, or distortion. Openings shall not vary in measurement from jamb to jamb or from head to sill by more than 3/8" and shall not vary more than 1/4" on corner to corner diagonal measurements. Window framing is to be securely anchored in place, leaving no exposed installation screws. Water drainage holes will not be blocked by stucco or any other material return. The product design shall permit exterior re-glazing easily and be cost effective laborwise. Manufacturer assumes no liability for damage by the installer or final cleaning of the glass or aluminum.

FINISH – Standard finish is dry powder meeting AAMA 2603. Hybrid polyester paint will meet AAMA 2604 and Kynar will meet AAMA 2605. Clear and bonze anodized are Class II, meeting AAMA 607.

SPECS – Since HERITAGE products are constantly being improved, HERITAGE reserves the right to change specifications and designs.