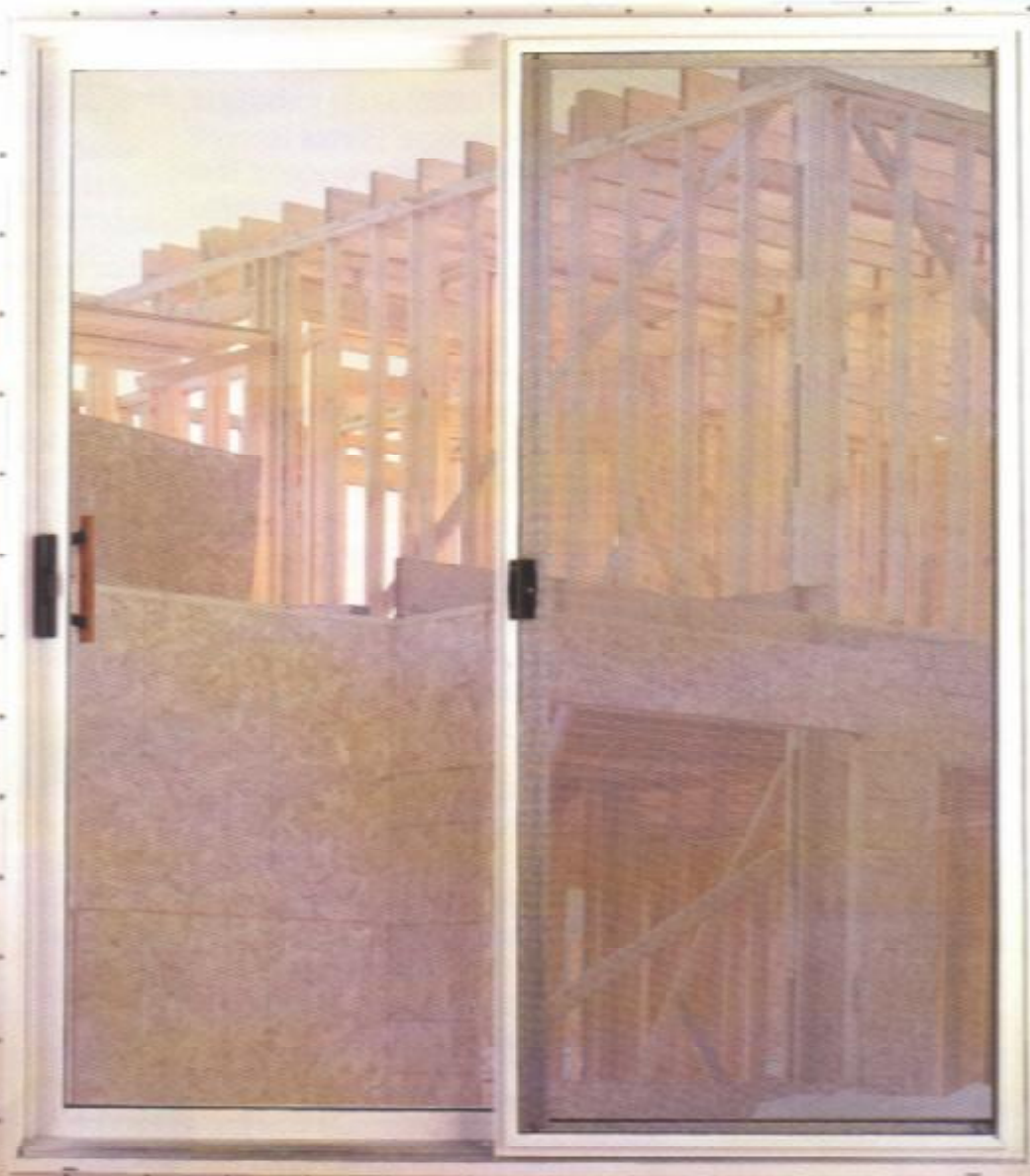




TAFECO  
Corp.

PROGRESSIVE VINYL AND ALUMINUM PRODUCTS

## Fiberlux Welded Vinyl Patio Door



The Energy-Efficient,  
Low-Maintenance Sliding Patio Door

**FOR TODAY'S NEW CONSTRUCTION & REMODELING APPLICATIONS**

# Series 1300 Vinyl Patio Door... The Builder's Choice.

Easy installation, smooth operation, energy efficiency, weather-tight construction and exceptional durability are the features home-builders and home-buyers look for in a sliding patio door.

The Series 1300 fully welded vinyl sliding door system provides all these features, plus attractive looks and numerous design and glazing options.

## Vinyl— The Perfect Sliding Door Material

Vinyl is rapidly becoming the builder's- and the consumer's- material of choice. Builders prefer vinyl's ease of installation, sturdiness and ability to withstand construction-site rigors; while buyers appreciate vinyl's energy efficiency, easy operation, good looks, cleaning ease and minimal maintenance.

The Series 1300 fully welded main frame and sliding door panel offer exceptional weather-tightness and superior thermal performance. And, because it is vinyl, it will never need painting, stripping, sanding or lubricating; providing years of lasting, essentially maintenance-free beauty.



Colonial



Diamond

## Easy To Install, Built To Last

The Series 1300 sliding patio door system is made from high-quality Fiberlux virgin rigid polyvinyl chloride extrusions, and features multi-chambered construction for enhanced strength and durability.

Featuring a fully-welded frame and sliding panel, the Series 1300's virtually air- and water-tight frames are exceptionally strong and clean in appearance.

And, because the Series 1300 is vinyl, homeowners will never have to paint, strip, sand or lubricate their door, giving them years of smooth and trouble-free operation while they enjoy energy savings, dynamic views and rising home values.

The nominal 4 3/8" vinyl frames include an integral 1/2" pre-punched nailer fin for fast, weather-tight installation.

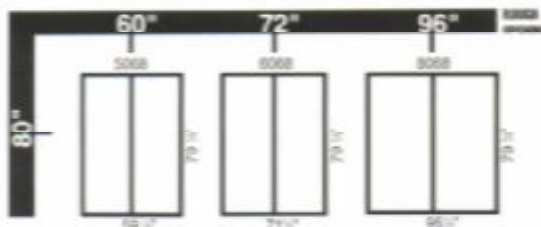
For replacement or flat-set applications, the fin is removable without affecting the door's structural integrity.

Series 1300 sliding glass doors come in a wide range of standard as well as custom sizes. Colors include white, almond and terrace brown; and a wood grain interior finish is also available.



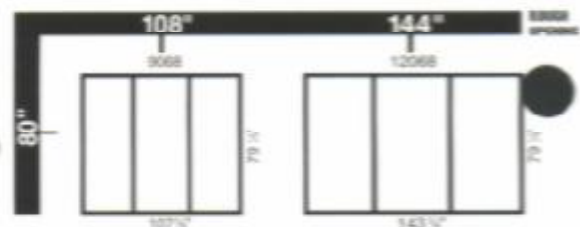
### 2-lite Standard Sizes

(custom sizes readily available)



### 3-lite Standard Sizes

(custom sizes readily available)

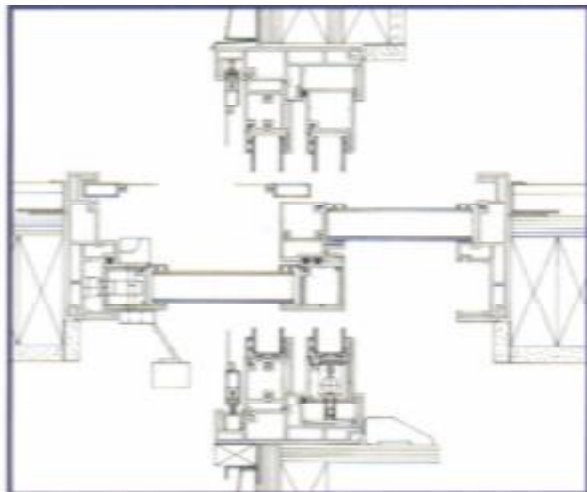


Specifications subject to improvement or modification.

## Easy To Use

The Series 1300 sliding glass door system features modern adjustable roller assemblies for smooth, long-lasting and trouble-free operation. The attractive wooden handle adds beauty and convenience, while the combination mortise lock and keeper, inside latch, optional outside key, secures the door and provides positive anti-lift protection. (Other hardware packages available.) And, because vinyl is self-lubricating, these doors won't stick or bind with changes in the weather.

High-performance weather stripping is strategically placed to resist air infiltration without interfering with the operation of the door. Equal glass sight-lines are not only open and attractive, but glass replacement is easy should it ever become necessary, because the equal glass sizes and the outside dual-durometer snap-in glazing bead make reglazing simple.



Patio Door Installation Detail—Frame

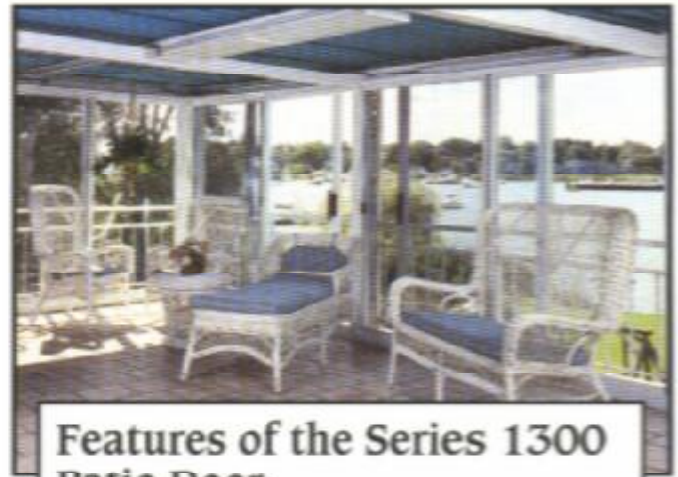
## Energy Efficient

Unlike metal, vinyl is a natural insulator. It is always comfortable to the touch, no matter what the season.

Dead-air trapped within the multi-chambered frame and hermetically sealed insulating glass forms a thermal barrier against outside temperatures. Energy efficiency may be further enhanced by choosing from Low-E, gas-filled, Super Spacer™ or other available glazing options.

Wedge-shaped and weather-stripped interlocks seal as the door closes, pulling the sliding panel and impost together and compressing the weather-strip to enhance strength and weather-tightness and prevent drafts.

These energy-saving features also work to help keep exterior noises outside, helping create a quiet, draft-free, energy-efficient and very comfortable home.



## Features of the Series 1300 Patio Door:

*Integral pre-punched nailer fins* allow fast installation and help prevent air- and water-infiltration around the door.

*All vinyl construction* is impact-, corrosion- and weather-resistant; made from high-quality, Fiberlux virgin PVC extrusions.

*Stainless Steel cap on vinyl track* assures years of smooth, trouble-free adjustable roller assembly operation.

*Optional accessory* trim packages available.

*Multi-chambered construction* provides strength and insulation.

*Fusion-welded frame* and sliding-panel corners add strength and clean looks.

*Decorator-preferred colors* are integral throughout the vinyl; it never needs painting, hides scratches and comes clean with a damp cloth.

*1-inch insulated tempered glass* is hermetically sealed for energy-efficiency. Muntins, Low-E and gas-filled options available.

*Combination mortise lock and keeper* provides positive anti-lift protection

*Weatherstripped interlocks* seal as door closes, compressing weatherstrip and adding strength

*Snap-in glazing bead* for easy glass installation or replacement

# Specifications

## Scope

Furnish and install all sliding patio doors of the type and size shown on the drawings and called for in the specification including all necessary hardware, anchors and trim where noted.

## General

Sliding patio doors shall be TAFCO Series 1300.

## Material

All masterframe and sliding panel members shall be manufactured of extruded, high-impact-resistant, UV-stabilized, rigid virgin polyvinyl chloride (PVC), with nominal .090" masterframe and .090" sliding panel members. Frame members shall be of multi-chambered design. Sill track shall be capped with stainless steel. All exposed weatherstripping, hardware and fasteners shall be stainless steel, aluminum, nylon or other suitable material compatible with rigid PVC.

## Construction

All masterframe and sliding panel members shall be miter-cut and fusion-welded.

## Glazing

1" insulating tempered glass shall be double-pane and hermetically sealed meeting ASTM C1036 and ASTM E774 level C or higher standards. The sliding panel shall be outside dual-durometer snap-in-bead glazed.

## Hardware

The hardware shall include rollers, pull-handles and mortise lock (contact manufacturer for information on optional hardware packages.)

## Finish

All patio door members shall have an integral white color throughout the profile. (Optional colors of almond and terrace brown are available; as is a simulated wood-grain interior finish.

## Insect Screen Door

Screen frames to be aluminum or galvanized steel with a baked enamel color to be compatible with PVC frames. 14" x 18" fiberglass cloth meeting ASTM D3656 shall be secured to the frame using a vinyl spline.

Hardware shall include rollers, pull-handles and locking mechanism (contact manufacturer for information on optional hardware packages.)

## Erection and Caulking (by others)

All units shall be adequately and securely fastened plumb, level and square without distortion, twisting, bowing or springing of frame members. All frame members shall be properly supported, shimmed, and leveled along their entire length.

All units shall be properly caulked using a good grade of non-hardening caulking that is compatible with PVC and the surface to which it is mounted to provide a thoroughly watertight seal meeting AAMA 808.3. The masterframe is to be installed square with the sliding panel. The sliding panel should be operated and the masterframe should be given any necessary final adjustment to insure proper orientation and weathertightness.



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