

There's an unseen world of beauty waiting for you. Right outside your back door. A private, intimate world you can marvel at, alone with your morning coffee, or together with friends and family. It's there, waiting to be seen. Waiting to be enjoyed. Waiting for a Metals USA Sunroom to make it picture-perfect. Adding a Metals USA Sunroom to your home isn't just a home improvement, it's a lifestyle improvement. One that becomes a focal point of activity - a sunshiny place where everybody feels more comfortable, more peaceful, more energetic. Metals USA has everything you need to create that special place - quality materials, expert workmanship, a limited lifetime warranty, plus design flexibility so that you can "customize" your new living space to suit your specific needs.

- Entertainment Area
- Home Office
- Game or Play Room
- Private Retreat
- Sanctuary for Pets
- Hobby Room
- Exercise Room



Eclipse Style



Horizon Style



Sunscape Style

DESIGN CONSIDERATIONS

There are a number of factors to consider to ensure that your Metals USA Sunroom will meet your needs and expectations for years to come. To start, help us plan appropriately, consider these questions when making your design choices.



- What direction will the room be facing?
- How much direct sunlight will it get?
- Will you use the room seasonally, or year round?
- Is it large enough for your planned activities?
- What about traffic flow, entrance doors, ceiling fans and electrical outlets?
- Have you decided on a color scheme?
- Which of our Sunroom styles do you find most appealing?

DOOR OPTIONS

Metals USA offers you a choice of five different glass doors, as well as a steelclad, raised-panel solid insulated door. All of our glass doors have a heavy-duty, extruded aluminum frame, tempered safety glass (with your choice of glazing) and for added security, an industry-standard keyed lock set. In addition, all the doors used with our 4-inch wall system feature a 100% thermally broken door jamb, frame and sash for superior thermal protection.



Single French



Full-View Door
Double Full-View



With our standard continuous gear hinge, doors are always both secure and easy to open. The innovative interlocking gear design reduces friction and because the hinge extends the full length of the door, it eliminates typical problems such as door bind and sag. Security and energy savings are improved as well.



Double French



Sliding Patio Door
(Optional grids)



Raised Panel Insulated Door

ECLIPSE

To complement different styles of architecture, Metals USA manufactures three different Sunroom styles: the Eclipse, the Horizon and the Sunscape. The Eclipse features curved glass front windows and an all-glass or partial-glass roof. The Horizon, by contrast, has a solid insulated roof that is pitched to complement existing roof lines. Our third Sunroom style, the Sunscape, features a fully insulated flat solid roof. Optional skylights and ceiling fan roof panels can be incorporated into any of our roof systems.



If you prefer a little less sunlight, you can specify our partial-glass Eclipse Sunroom with the same distinctive curved glass front bays. Optional retractable insulated shade system available.



The covered portion of the Eclipse roof system features a textured embossed finish complemented by a high performance polyisocyanurate core with an insulation rating of approximately R-28.



A Metals USA Sunroom not only enhances the value of your home, it also creates more room for everyone to relax, play, or study.

HORIZON



The pitched roof of our Horizon system blends seamlessly with existing pitched roof lines.



With the Horizon, you can choose floor-to-ceiling glass, or a combination of glass and insulated solid panels.



Higher ceilings and a more expansive feel are among the differences you'll appreciate with a Horizon Sunroom.

ROOF SYSTEMS

Even though a roof is something we often take for granted, we've taken great pains to produce one that you'll love. Our Solar-X insulated roof is quickly becoming one of the most popular in the industry because of its uncommonly good looks: Deep textured embossed ceiling panels feature a non-glare matte finish. Yet the beauty of this roof system is not just skin deep. It's available in a variety of thicknesses and with different insulation values to meet your specific requirements. Panels with sturdy "hidden" fan beams are also available to support the installation of ceiling fans and other light fixtures.



Metals USA's exclusive "Superbeam" extruded aluminum rafters provide superior strength and durability for all types of weather and environmental loading conditions.



There are three types tempered/safety roofing glass to choose from: Clear float, solex green tint or high performance solar-cool coated (mirror-like finish).



Metals USA's Solar X™ insulated sunroom roof systems accommodate virtually any climate and budget - with insulation values up to R-25. 48" wide panels allow for fewer seams. Optional fan beams embedded in the Solar X™ panels allow for installation of ceiling fans or other lighting fixtures.



Maintenance-free Solar X™ insulated roofs are available in white or desert sand with a pebbled stucco finish (white only), or deep driftwood embossing that looks like handsomely painted wood.



To complement your Solar X™ roof, nothing is sturdier or handles more rain than our heavy-gauge, one-piece double-catch gutter system - complete with leaf guard. To match the style of your home, you can also choose an optional Elitewood Fascia Trim Kit.

SUNSCAPE



The Sunscape Sunroom, pictured here, features both floor-to-ceiling glass and a single, full-view door. Other door options are also available. (See page 6 for details).



Our insulated Sunscape Sunroom offers an attractive combination of glass and insulated solid wall panels. Optional, patented ILLUMAVIEW™ translucent roof panels are also available.



Need a Sunroom and a Patio Cover? It's easy with Metals USA because our Sunrooms and Patio Covers are designed to blend together seamlessly.

WALLS

When you purchase a Metals USA sunroom, you are assured that only the highest quality components available are designed and constructed into our products. The thickest walls in the industry feature your choice of insulating wall cores including our exclusive Polyisocyanurate core. This material is unsurpassed in its energy efficiency. Durable extruded aluminum frame members ensure the structural integrity of our sunrooms. Frame members with exterior and interior exposure are designed with "thermal breaks" that do not allow the transfer of heat or cold. Metals USA sunrooms are all constructed with tempered safety glass for maximum protection.

U.L. approved, electrical raceways allow for the safe installation of electrical wiring for lights or other appliances.



Polyisocyanurate - "polyiso" - is the high performance insulation specified by architects nationwide for today's energy efficient, custom homes.



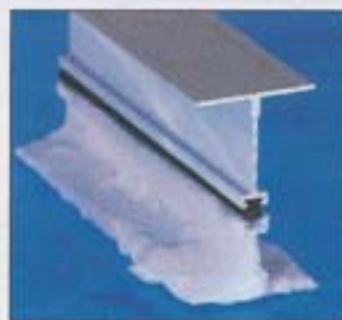
You can choose from one of our designer textured wall panels to match your existing color scheme, or select one of our high performance **Glassboard** textured wall panels for maximum durability and maintenance-free performance.



U.L. approved electrical raceways give you the flexibility to place fixtures, outlets and switches throughout the room.



Metals USA Sunrooms are available with either EPS Foam Approx. (R-15) or Polyiso Foam Approx. (R-28) solid insulated wall panels.



"Thermally Broken" is defined as an inert material such as rubber or silicone that separates the inside and outside of any metal beam such as this extruded aluminum wall support. This eliminates the temperature exchange from the exterior to the interior of the room.

WINDOWS

FOUR-INCH WINDOW SYSTEM (ALUMINUM FRAME)

Adjustable brass rollers with heavy-duty roller housings at top and bottom of window frames are smooth rolling and prevent unwanted window removal.

Tapered interlocks on window sashes plus integrated glide buttons create a snug, rattle-free seal when closed

Two sweep latches per window provide extra security and a snug weathertight seal.

Fixed transom windows allow more of the outdoors inside. Available in dual tempered safety glass.

All sliding windows are 60" tall allowing for more light and a greater view.

All extrusions feature full thermal barrier protection for greater year-round comfort.

All insulated glass is tempered and professionally sealed to create a high performance glazing system.

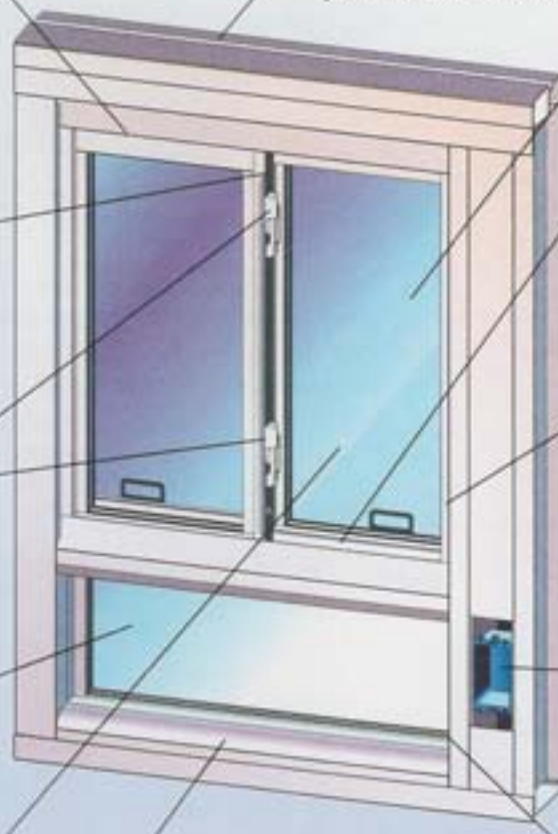
Radius window sills feature sloping design and flap-covered weep holes to drain sills and keep out wind, dust and insects.

Color coordinated weatherstripping with built-in fin-seal creates a weathertight and attractive-looking window.

Vertical electrical raceways are integrated into wall and accept standard UL electrical fixtures.

All window frames feature custom designed foam seal gaskets to eliminate leaks.

Radius transition window sills and headers create a more aesthetic appearance and eliminate sharp edges and corners.



To complement our 4-inch wall system, we manufacture corresponding 4-inch thick windows. In harsher climates, such as those where the temperature can exceed 100 degrees in the summer or routinely fall below freezing in the winter, our 4-inch walls and thermally broken 4-inch windows can provide year round comfort.

Our Vinyl window features a high-performance, low-E glass. The vinyl window is designed for maximum energy savings, durability and the elimination of frequent cleaning. Our insulated glass offers superior insulating performance in hot or cold climates, while protecting you from harmful Ultra Violet rays. For your added safety, all glass provided by Metals USA is tempered, and the window locks meet the AAMA "Forced Entry" test criteria. Both window sashes slide and can be removed to easily convert your sunroom into a screen room during nice weather.



FOUR-INCH WINDOW SYSTEM
(VINYL FRAME)

Performance Engineered

Metals USA products have been tested, approved and recommended by local, state and national agencies as well as by building departments throughout the country. Sunroom wall and roof products are fully engineered to meet the toughest building code requirements and feature IAPMO standard plan engineering approvals.

