



Product Description

The ZS Series door panels and door frames are made of electrogalvanized steel sheet with infill options of paper honeycomb, aluminum honeycomb, rock wool fibers and polyurethane foam. The doors and door frames are treated with powder coating paint to provide a smooth and durable finish. We utilize a unique compact manufacturing system to ensure there are no seams, no welding spots and no crevices on the doors. The window on the door is made of double glazed tempered glass with black printed edges encased in aluminum frame. The double glazed design provide excellent thermal insulation and allows the glass to be perfectly flush to the surface of the door panel. The window is available in rectangular, rounded corners and round shape to provide a seamless touch and great aesthetics. A complete range of ironmongery and door accessories can be supplied to complement this thoughtfully designed door.



Excellent Air Seal On Doors

The doors are provided with high quality perimeter gaskets for excellent air seal and a concealed, automatic door bottom seal that is spring loaded to lift clear of the floor when the door is opened. Good quality air seal will help to achieve and maintain room differential pressure with ease while saving HVAC energy cost.



Superior Thermal Insulation

The fully sealed double glazed tempered glass panels with air insulation in the hollow space will provide excellent thermal insulation, saving HVAC energy cost and prevent water condensation on the windows.

Key Features

Heavy Duty Galvanized Steel Material

Powder Coating Finish

Double Glazed Flush Window

Excellent Air Sealing Performance

Automatic Bottom Door Seal

Advantages

Aesthetic, Easy To Clean & Durable

Tempered Glass For Enhanced Safety

Helps To Achieve & Maintain Room Differential Pressure With Ease

No Condensation On Door Windows Saves HVAC Energy Cost

Smooth Door Operations Without Getting Stuck on Uneven Floor

Options

Custom Made Sizes Available

Single, Double, Tripple Folding and Quadraple Folding Door

Flush Door Frame, Wrap Around Door Frame and Split Door Frame

Flush Door Frame, Wrap Around DoorFrame and Split Door Frame

20 Standard Colors & Other Color Choices Available

Applications

Electronics, Pharmaceuticals, Food Manufacturing, Hospitals and Laboratories

Technical Specifications

Description	ZS Series Technical Specifications			
Standard Sizes	900mm(W)x2100mm(H), 1800mm(W)x2100mm(H)			
Door Thickness	40mm and 50mm Options			
Door Material	1.0 mm thick Electro Galvanized Steel Sheet			
Door Frame Material	1.5 mm thick Electro Galvanized Steel Sheet			
Door Frame Depth	Standard 50mm, 75mm and Custom Made Options			
Finishing	Powder Coating For Door and Frame With Multiple Color Options			
Ironmongery and Accessories Options	SUS 304 Mortise Lock, SUS 304 Hollow Cylinder Handle, SUS 304 Push Pull Handle Plate, SUS 304 Hinges, SUS 304 Kick Plate, Standard Door Closer, Sliding Arm Door Closer			
Frame Options	Flush Frame	Wrap Around Frame		Split Frame
Window Options (Double Glazed Tempered Glass)	Rectangular	Rectangular Outside Round Inside	Rounded Corners	Round Shape
Core Filler	Flame Retardent Paper Honeycomb	Fire Proof Aluminum Honeycomb	Polyurethane Foam	Rock Wool
Door Leaf Weight	22.5 kg	23.3 kg	25.5 kg	27.0 kg



Rectangle Window



Rectangle Outside Round Inside

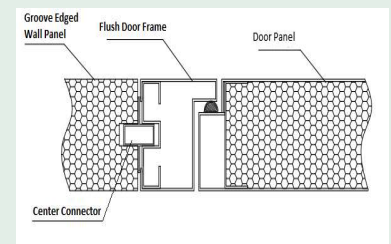


Rounded Corners Window



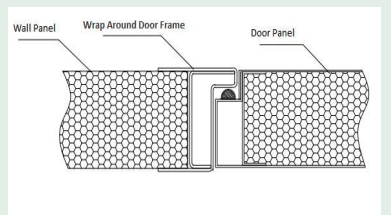
Round Shape Window

Flush Door Frame



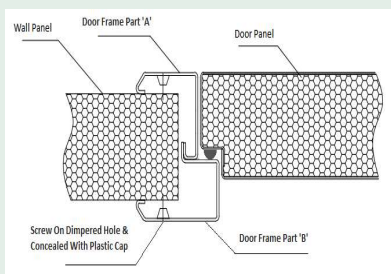
The Flush Door Frame can be installed on groove edged panels wall openings during construction phase in order to achieve a perfectly flush finish between the door frame and the wall.

Wrap Around Frame



The Wrap Around Door Frame can be flexibly installed on panels wall opening during construction phase or in finished rooms.

Split Door Frame



The two parts Split Door Frame provides maximum strength and can be flexibly installed on panels and masonry wall opening during construction phase or in finished rooms.