

Cleanroom Doors



Introduction

Cleanroom doors are easily integrated into the AES Pharma System, including the standard PVC-faced AES Pharma Door, fully-glazed, and FRP doors. AES also integrates many specialty door types into the system, including sliding, high-speed roll-up, and bi-parting doors.

All AES cleanroom doors offer high-performance advantages that include:

Design Features

- Quality seals to control air circulation rates
- cGMP Finishes
- Non-shedding
- Nonporous
- Resistant to microbial and fungal growth
- Flush
- Durable
- Superior cleanability

Standard Hardware

- Door closure
- Anodized aluminum hinges
- Pull/push handles
- Kick plates (PVC, FRP doors)
- Integrated weather stripping

Frame & Extrusions

- Single-piece frame
- Polyester powder coating
- Slim-line aluminum extrusion
- Prefabricated, welded, and dressed to eliminate all crevices

Flexibility to meet personnel and process needs with optional features:

- Vision panels
- Panic hardware
- Door control systems
- Automatic door operators
- Armor plates
- Locksets
- Door status switches
- Electric door strikes

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PVC - Faced Doors

The AES Pharma Wall Systems uPVC cleanroom doors are designed to match the AES Pharma Wall System and offer a cost effective, durable door solution.

Standard Sizes

Thickness
2" (50 mm)

Width, Height

	Size	Clear Opening
Single	3' wide x 7' high	6'11 ⁷ / ₈ " x 2'9 ¹ / ₂ "
Double	6' wide x 7' high	6'11 ⁷ / ₈ " x 5'8 ¹ / ₂ "
One/Half-Leaf	5' wide x 7' high	6'11 ⁷ / ₈ " x 4'8 ¹ / ₂ "



Composition

Door Facing

uPVC coated steel sheet edged with a slim-line polyester powder coated aluminum alloy extruded sacrificial trim.

Surface Finish

The surface finish of the metal skins is a proprietary blend of 4 mil (0.12µm) thick unplasticized polyvinyl chloride (uPVC)

Frame

- Single-piece frame
- Polyester powder coating
- Slim-line aluminum extrusion
- Prefabricated, welded, and dressed to eliminate all crevices
- Flush frame-to-panel finish

Vision Panels

The standard AES PVC Pharma door is fitted with flush twin glazed viewing panel, 3' high x 2' wide

Smoke & Flame

15 and 30, Class A to ASTM E84-91a test # 112536-1

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