



## EMERGENCY EXIT BREAK BARRIERS - EBB



The Emergency Exit Break Barriers are the easiest and cleanest system to close the exits in Cleanrooms, requiring a minimum amount of space and opening radius when compared with traditional hinged doors: furthermore, the totally transparent surface permits continuous inspection of the emergency exits by the staff.

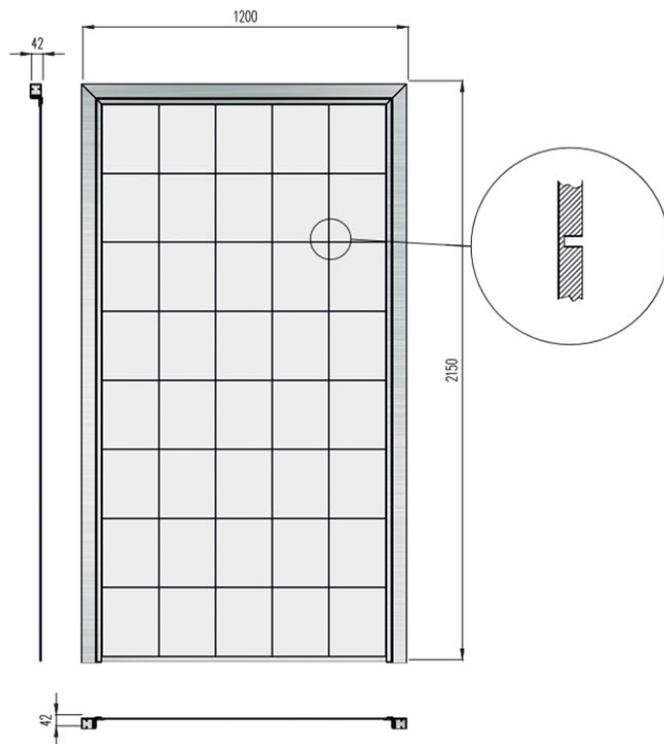
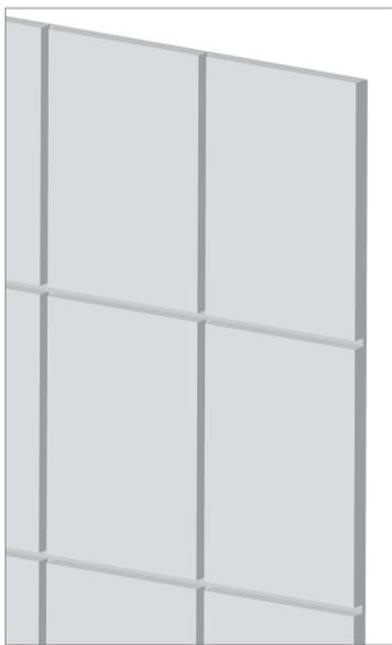
---

**SKU:** N/A



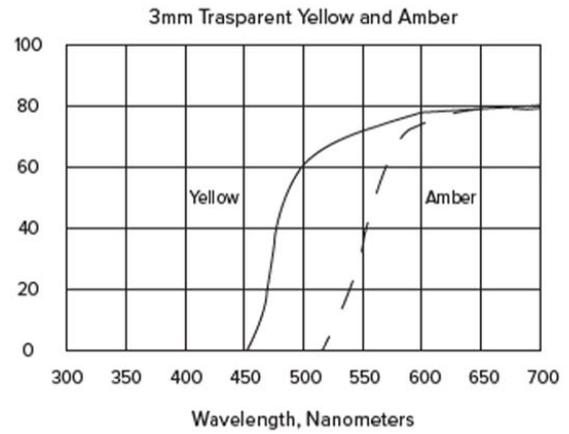
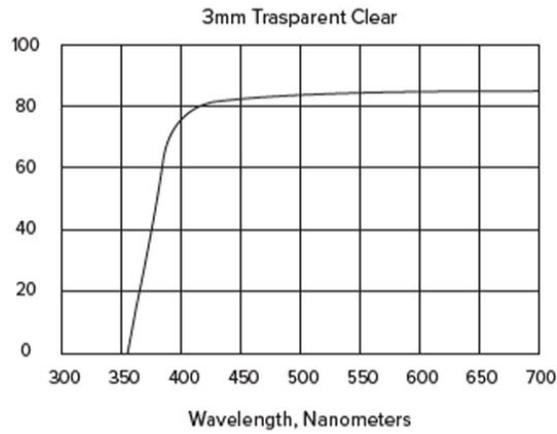
# PRODUCT DESCRIPTION

## Construction Details





## Light Trasmission Analysis



## Panel Characteristic

	PROPERTY	TEST METHOD	UNITS	VALUES
Physical	Hardness	ASTM D-3363	Hardness scale	5H
Thermal	Max. continuous service T°	Cenco-Fitch	°C	68°
	Coefficient of thermal conductivity		BTU*in/hr*ft <sup>2</sup> *F	1,3
Flammability	Horizontal Burn	ASTM D-635	cm/min	2,8
Optical	3 mm transparent clear transmittance	ASTM D-1003	%	< 3,0
Electrical	Surface resistivity	ASTM D-257	Ohm/sq	10 <sup>6</sup> -10 <sup>8</sup>
	Surface resistance	EOS/ESD S11.11	Ohm	10 <sup>5</sup> -10 <sup>7</sup>
	Electrostatic decay	FST 101C	Sec.	< 0,05



## Resistance to Chemical Attack

CHEMICALS	TEST METHOD	SURFACE ATTACK	VISUAL EVALUATION
Deionized Water	ASTM D-543	None	Clear
30% Sodium Hydroxide	ASTM D-543	None	Clear
30% Sulfuric Acid	ASTM D-543	None	Clear
30% Nitric Acid	ASTM D-543	Slight pitting	Clear
48% Hydrofluoric Acid	ASTM D-543	Severe attack	White, rubbery
Methanol	ASTM D-543	Slight pitting	Hazy
Ethanol	ASTM D-543	None	Clear
Isopropyl Alcohol	ASTM D-543	None	Clear
Acetone	ASTM D-543	Severe pitting	Coating clear-plastic attacked
Methylene Chloride	ASTM D-543	Sample dissolved	Visual evaluation

## Applications

Cleanrooms for the Semiconductor, Electronic, Optical, Mechanical and Aerospace industries.

## Components' description

- **Supporting frame** in extruded anodised aluminium with rounded edges and corners;
- Static/dissipative transparent acrylic **panel**, which is specially milled to create breaking channels at the preset position and force.

