EMERGENCY EXIT BREAK BARRIERS - EBB

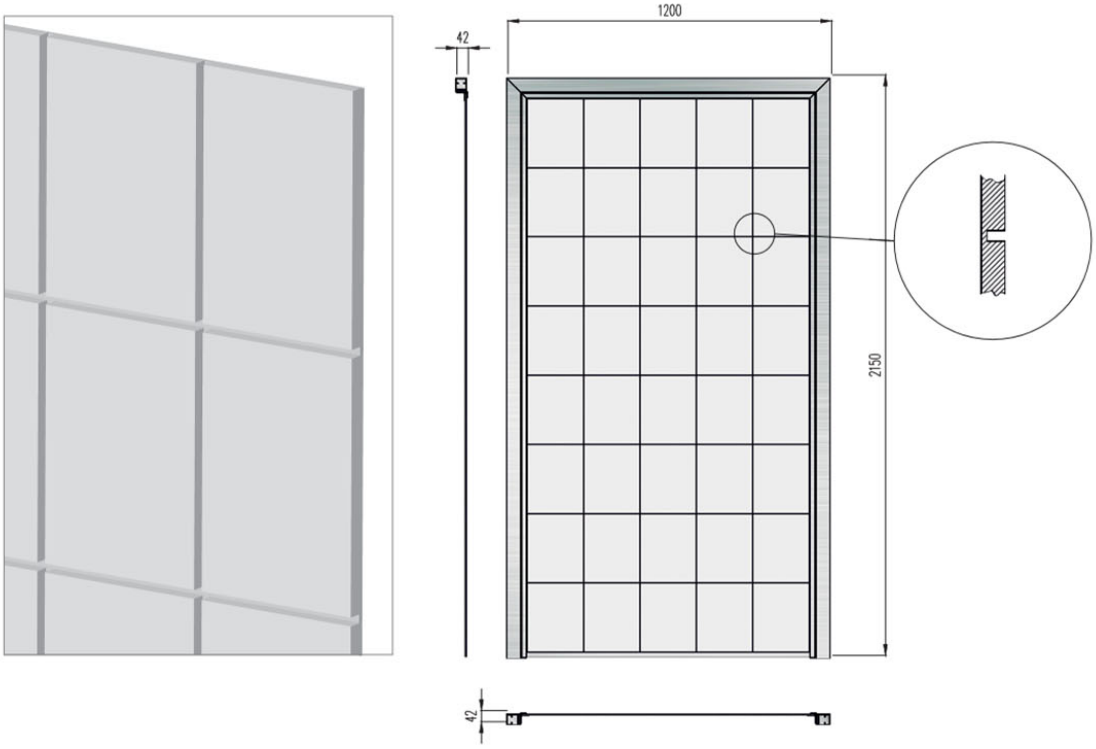
The Emergency Exit Break Barriers are the easiest and cleanest system to close the exits in Cleanrooms, requiring a minimum amount of space and opening radius when compared with traditional hinged doors: furthermore, the totally transparent surface permits continuous inspection of the emergency exits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

SKU: N/A

Primaer is a brand of Galvani S.r.l.
Via Monti Lessini, 8 – 37057 San Giovanni Lupatoto (VR), Italy

PRODUCT DESCRIPTION

Construction Details



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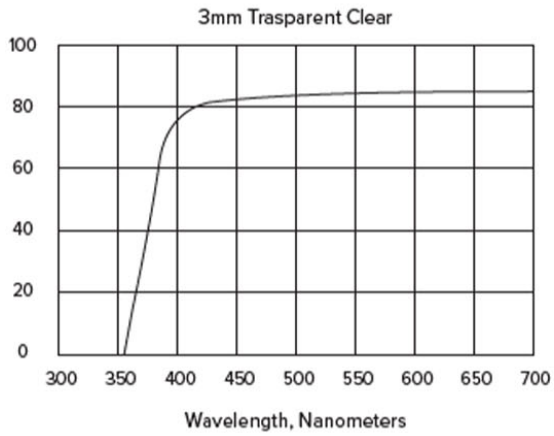
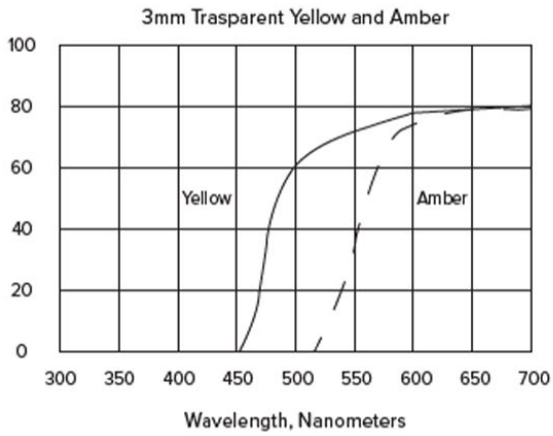
Light Trasmission Analysis





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Basic size

1200x2150 cm

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.

Panel Characteristic

	PROPERTY	TEST METHOD	UNITS	VALUES
Physical	Hardness	ASTM D-3363	Hardness scale	5H
Thermal	Max. continuos service T°	Cenco-Fitch	°C	68°
	Coefficient of thermal consuctivity		BTU*in/hr*ft^2*°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	10^6-10^8
	Surface resistance	EOS/ESD S11.11	Ohm	10^5-10^7
	Electrostatic decay	FST 101C	Sec.	< 0,05

Resistance to Chemical Attack

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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

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prime quality cleanroom products

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