



EMERGENCY EXIT BREAK BARRIERS - EBB



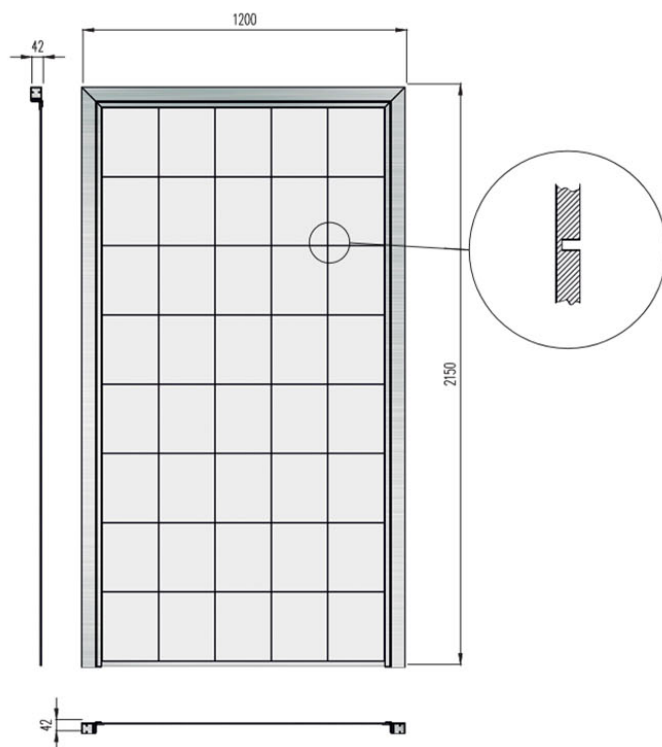
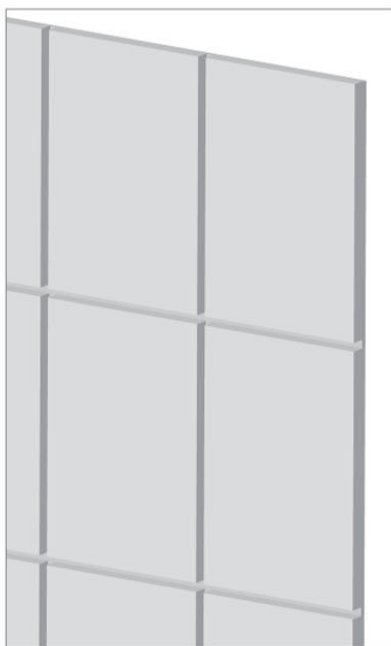
The Emergency Exit Break Barriers are the easiest and cleanest system to close the exits in Cleanrooms, requiring a minimum amount of space and opening radius when compared with traditional hinged doors: furthermore, the totally transparent surface permits continuous inspection of the emergency exits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

SKU: N/A



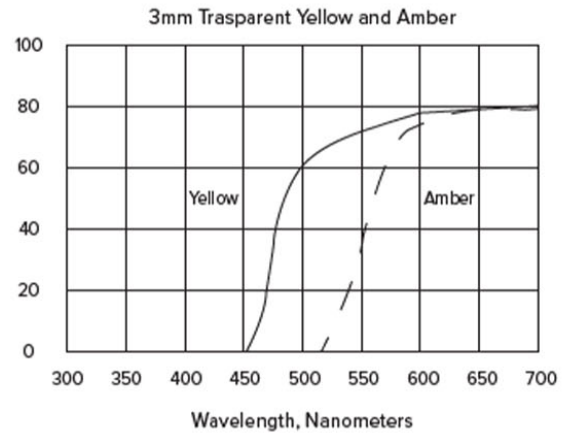
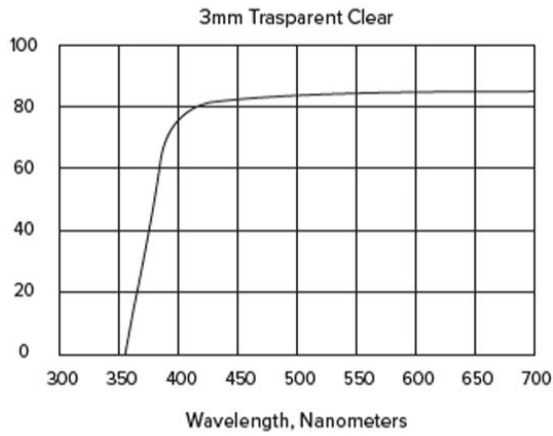
PRODUCT DESCRIPTION

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 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

| 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.

