



# GT ESCAPE



## TECHNICAL DATA SHEETS



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# GT ESCAPE

## EMERGENCY BREAKOUT PANELS



Guardtech offer a superior Emergency Breakout Panel solution for our range of controlled environments, giving you the peace of mind to conduct your process in the knowledge that the industry's most rapid and reliable exit strategy is in place.

The Guardtech Group's Directors, Design Engineers and Installation team have worked together to select the best solutions Emergency Breakout Panel available on the market.

Read on to discover the benefits and compromises of this innovative solution.

And let Guardtech take your operation to the next level.







# GT ESCAPE MAX



GT Escape Max is a superior Emergency Breakout Panel solution used on the Guardtech Group's range of modular cleanrooms, portable CleanCube Mobile Cleanrooms and quick-assembly Isopod Rapid Cleanrooms.

GT Escape Max is a superior Emergency Breakout Panel system used on the Guardtech Group's range of cleanroom construction solutions.

The typical application of GT Escape Max is in cleanrooms with only one obvious exit door which flows into another room that could become blocked, therefore cutting off the means of exit.

The fitting of this type of Emergency Escape Panel in a wall shared with a different room provides an alternative means of exit.

Our two-part Telescopic-style Escape Panels are designed to provide a quick and accessible means of emergency escape when the normal route of exit from the cleanroom is unavailable.

As well as providing a means of escape, these Panels can also be removed to allow equipment to be installed in the cleanroom that may otherwise cause a problem in terms of positioning.

In situations as described, this type of Escape Panel will support mandatory requirements for Health & Safety.

**NOTE: These Emergency Escape Panels are not suitable for installation in an external wall.**



## TYPICAL GT ESCAPE MAX EXAMPLE

| INTERNAL FRAME SIZE<br>WIDTH x HEIGHT x DEPTH | STRUCTURAL OPENING<br>WIDTH x HEIGHT | ESCAPE APERTURE<br>WIDTH x HEIGHT | OVER FLANGE<br>WIDTH x HEIGHT |
|---|--------------------------------------|-----------------------------------|-------------------------------|
| 890 1790 96-126*                              | 900 1850                             | 760 1710                          | 63 960 1910                   |

\*Standard for typical 100mm deep wall (other depths can be accommodated)



## PRODUCT FEATURES

GT Escape Max features an easy release system that provides a swift means of escape.

Tooling included with unit allows for refitting of the acrylic panel and therefore enables the Escape Panel to be re-used.

The Telescopic design allows for variations in wall thickness (-4, +26mm) and makes installation a fast and efficient operation.

The 'clean' side flange is smooth with no fixings, ensuring optimal cleanability. The outer flange (dirty side) is screw fixed to allow installation.

These 'standard' style Escape Panels are glazed with a lightweight acrylic panel, with framework in polished 304/316 grade stainless steel.

When fitted, the installed panels provide a sealed aperture, therefore ensuring the integrity of the rooms on either side of the wall. Can be manufactured to suit any size of structural opening.



## BENEFITS & COMPROMISES

### Benefits

- Compliant with Health & Safety standards
- Robust and reliable construction
- Easy release system
- Rapid exit deployment
- Simple refitting post-use
- Manufactured to suit any size of structural opening

### Compromises

- Suitable space will need to be factored into the Design process to ensure appropriate installation is successful
- Additional cost consideration for overall cleanroom construction project
- Added lead time for bespoke solutions

## CONSTRUCTION

Frames manufactured from 1.5mm thick 304/316 grade stainless steel, with flanges cut from 2mm thick 304/316 grade stainless steel. Two-part black rubber glazing extrusion is fitted to edge of aperture on 'clean' side flange to retain 6mm thick clear acrylic panel which in turn is fitted with 2 x 'D' handles.



## APPLICATIONS



Universities



R&D



Packaging



Injection Moulding



Food



Medical Device

GT Escape Max can be utilised in a wide range of applications, from more heavy-duty manufacturing facilities where fire risk is high to University R&D laboratories, Medical Device manufacturing suites to biological safety labs conducting potential dangerous work with harmful pathogens.



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