

FC-BRW-EI Enhanced Blast Windows



FC-BRW-EI enhanced blast windows are designed to provide blast protection up to 2 bar reflected by long duration or up to 5 bar reflected by 5ms. FC-BRW-EI enhanced blast windows can remain fully functional after one or multiple blast hits thanks to design that all the components, including frame and laminated glass layers, work in elastic range under the blast grade mentioned.

The frames of FC-BRW-EI are available with multiple options to meet various applications such as in-wall installation for benefits of energy saving and minimum cleaning work.

The comprehensive 3rd party lab tests have proved FC-BRW-EI is one of the best blast windows in the market.

[Features & Benefits]

> Be able to stand multiple blast hits

Able to stand multiple blast impacts and provide protection all the time.

> Maintain all functions after blast wave hits

Minimize the maintenance job to replace the windows after the blast accident.

> Good corrosion resistant performance

Frames are made of chemical-resistant materials such as epoxy coated steel, stainless steel, etc.

[Specifications]

Frame materials: Epoxy/PU coated steel/HGS/Stainless steel

Glass: Laminated glass

Design blast grade: >2 bar (Higher blast grade upon request)

Glass module size (W x H mm): 900x1100 (Customized size is upon request)

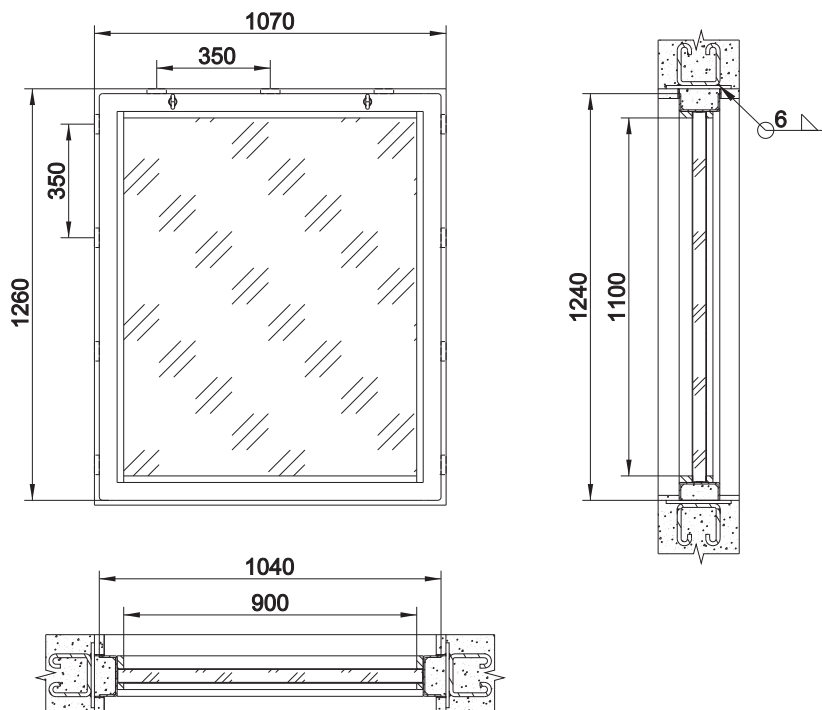
[3rd party Test/Certifications]

Product is type tested according to ASTM F 2912-17, ASTM F 1642-12, GSA-TS01-2003 for its blast protection performance, type tested and rated to BS EN 1364-1:2015, BS EN 13501-2016 for its fire resistance performance at Intertek.

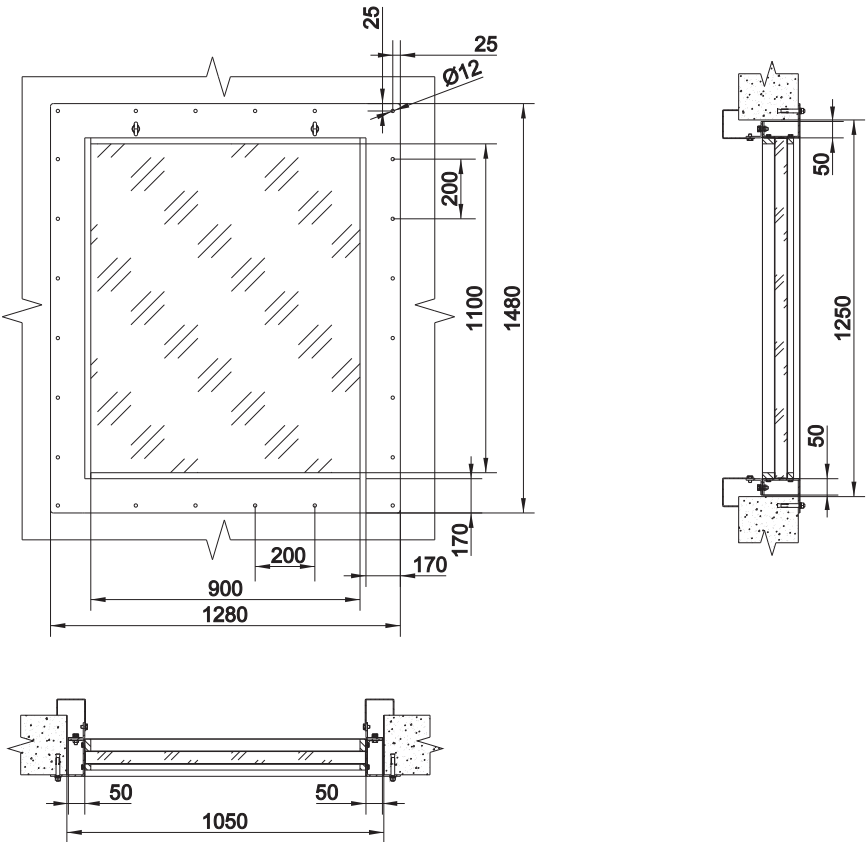
Product is CE marked.

[Typical Installations]

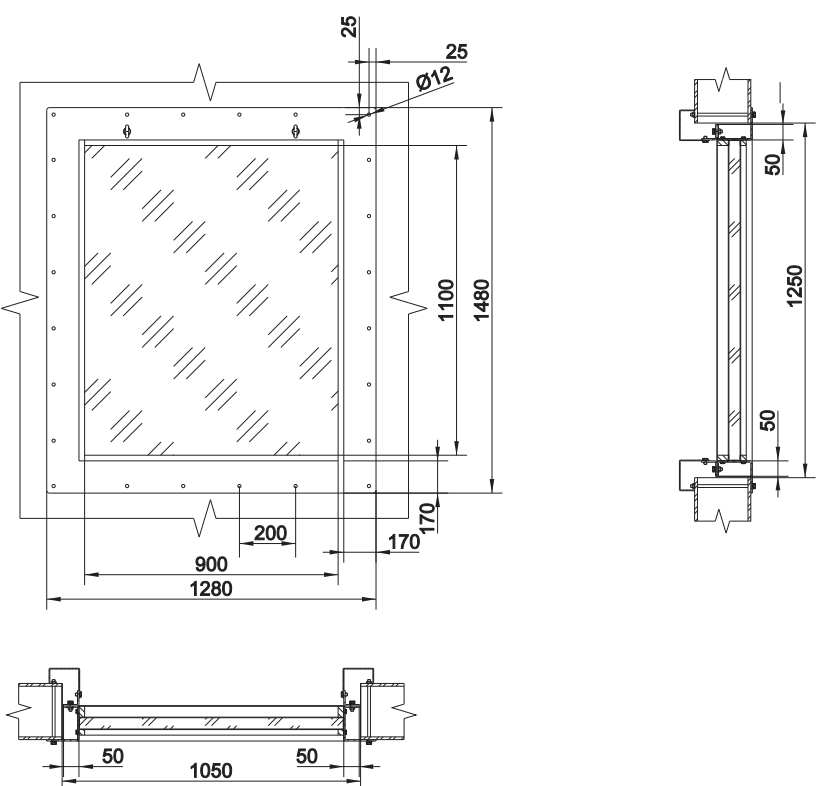
i. Casted in the wall



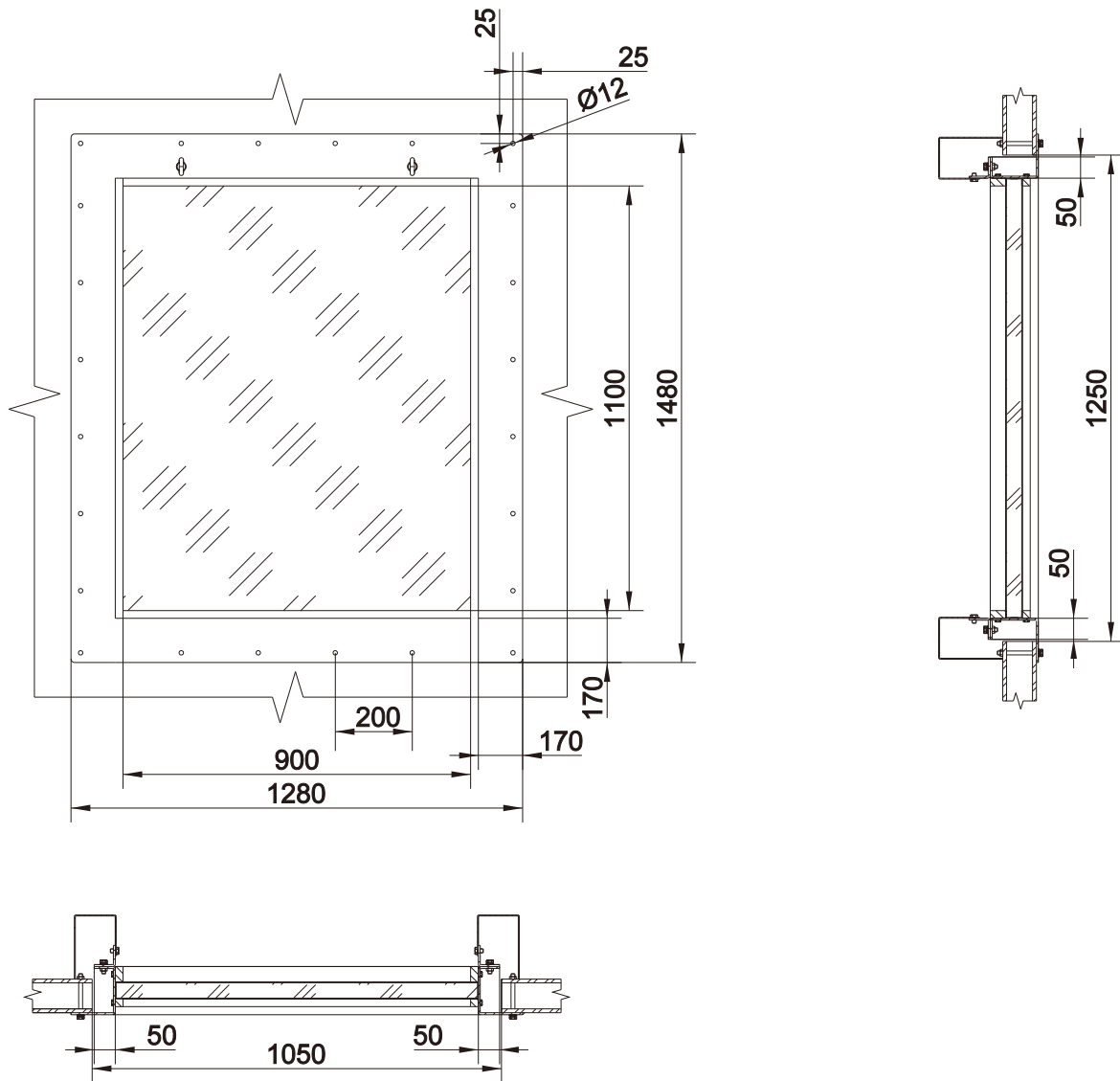
ii. Embed frame mounted



iii. Thick Steel wall connected



iv. Thin Steel wall connected



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