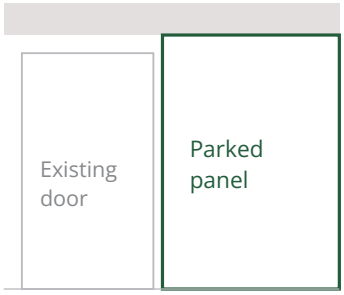
Indoor ballistic protection for doorways

DefenBoard can serve as a whiteboard in everyday use. When needed, the panel moves into a protective position covering the doorway.

Sliding: everyday position



Panel beside the existing door

Sliding: protective position



Panel covers the doorway

Technical overview

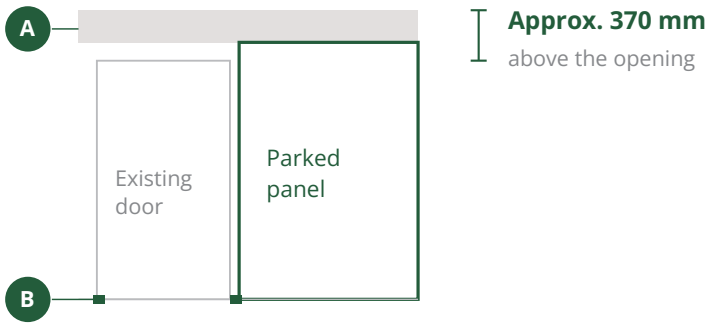
Application	Indoor use; made to measure for the doorway and surrounding structure.
Operation	**Manual operation or optional electric drive** for the sliding version. Sliding or hinged configuration, selected for the available space.
Hinged alternative	Closes in front of the existing door, covering the doorway. Used where side space for sliding is limited; allow clear swing space.
Ballistic variants	**DB-FB3: FB3 / DB-FB6: FB6**, according to EN 1522 / EN 1523.*
Opening size (sliding)	**900-1,800 mm wide × 1,900-2,500 mm high.** Wider openings may use a double-panel arrangement.
Surface and colours	Writable board from the available range; other surfaces by agreement. Coated aluminium trim and painted metal rail cover in RAL colours.
Dimensions and weight	Panel dimensions, thickness and weight are confirmed for the chosen protection variant, finish and site.

* Ballistic performance applies to the relevant, documented construction. The protection level of each supplied configuration, including hinged versions, is confirmed by the manufacturer.

Planning the space

The figures below are for initial planning of the sliding version. The final panel size, overlaps, clearances and fixings are confirmed for each site.

SLIDING VERSION / FRONT VIEW



A / Rail fixed to the structure above the opening

B / Floor guides and locking points

Illustrative sliding arrangement based on the reference drawing. Final dimensions vary by project.

What space is needed?

Beside the doorway	Clear wall space for the **entire parked panel** plus operating clearance. For initial planning, the panel is approximately **250 mm wider than the opening.**
Above the doorway	Approximately **370 mm of clear height** for the sliding support system. Reduced-height or other atypical arrangements are assessed individually.
In front of the doorway	Keep the movement path clear. Door swing, handles, the frame, closers and other fittings affect the panel offset and any additional covering.
Wall and floor fixings	The rail is anchored into suitable structure above the doorway; floor guides and locking mechanisms are fixed on both sides of the opening. Identify underfloor heating and other services.
Supporting structure	Concrete and suitable masonry are assessed for the actual load. Thin or lightweight partitions may require additional support. With a ceramic lintel, rail fixings are normally placed into suitable structure above it.
Electric drive	The motorised sliding version requires an **electrical power supply.**
Hinged alternative	The hinged panel closes in front of the existing door and covers the doorway. Allow clear space for its full swing. Hinge supports, fixing locations and clearances are designed individually.

Initial assessment: opening size, available space and site photos.

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