

## 113.0 PRODUCT DATA SHEET MEPS-BI-EXR2

### The MEPS-BI-EXR2 system is intended for:

- protection of buildings against blast waves generated by the detonation of explosive charges,
- increasing the safety of people and infrastructure in high-risk facilities,
- protecting both new and existing buildings without structural intervention.

### Product characteristics:

- lightweight, modular panel system,
- panels in the form of cladding mounted on walls / façades,
- ability to absorb blast wave energy through controlled deformation of the core,
- possibility of installation on operational facilities,
- fast installation, dismantling and panel replacement.

### Product applications:

#### Building and infrastructure sector:

- embassies, government buildings, airports and railway stations,
- energy and industrial facilities,
- critical infrastructure: bridges, dams,
- walls and partitions in high-risk zones.

#### Military and strategic facilities:

- barracks, ammunition storage facilities,
- command containers,
- guard posts,
- mobile containerized server rooms (DATA CENTERS).

### Fire classification:

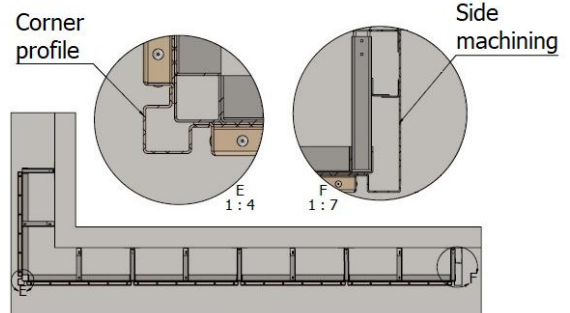
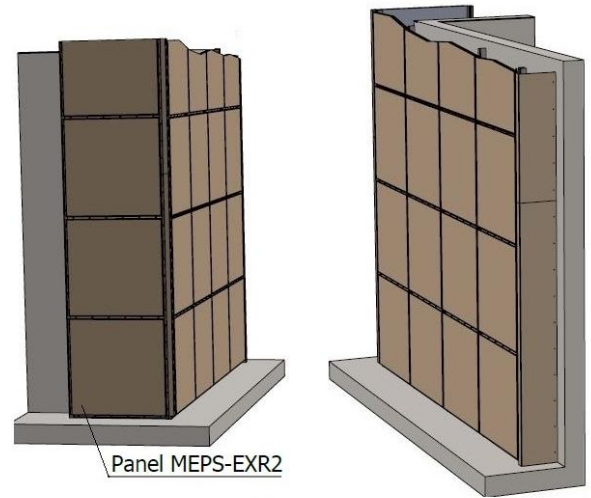
Reaction to fire:

A2-s1, d0 – for powder coating

### Standard:

PN-EN 13123-2:2004 and PN-EN 13124-2:2004

Patent application number: P.451280



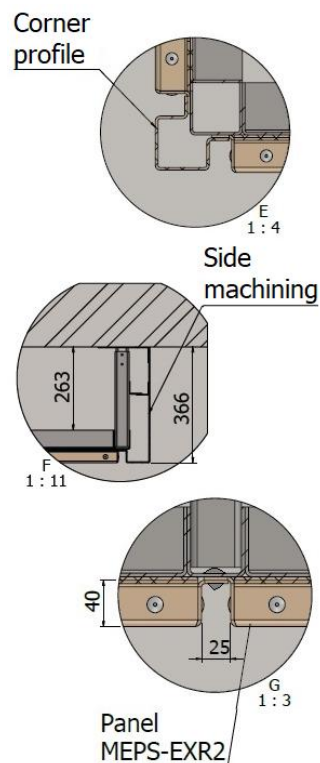
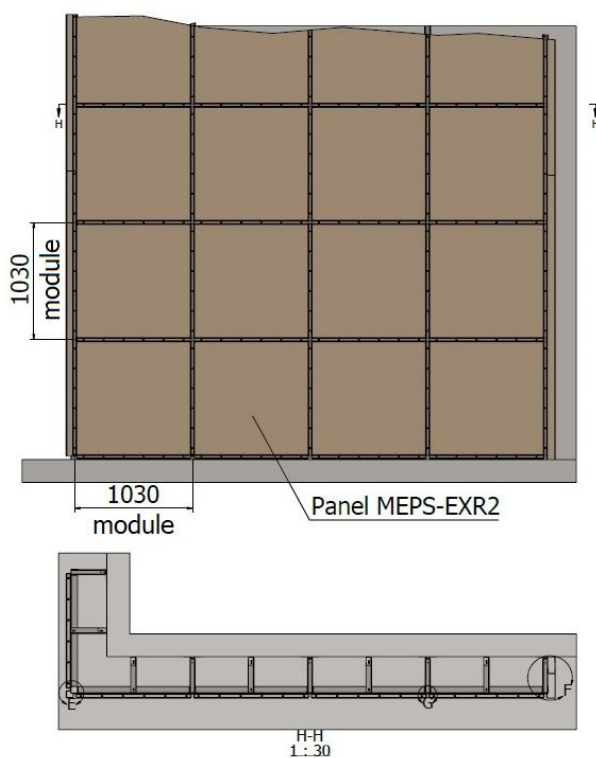
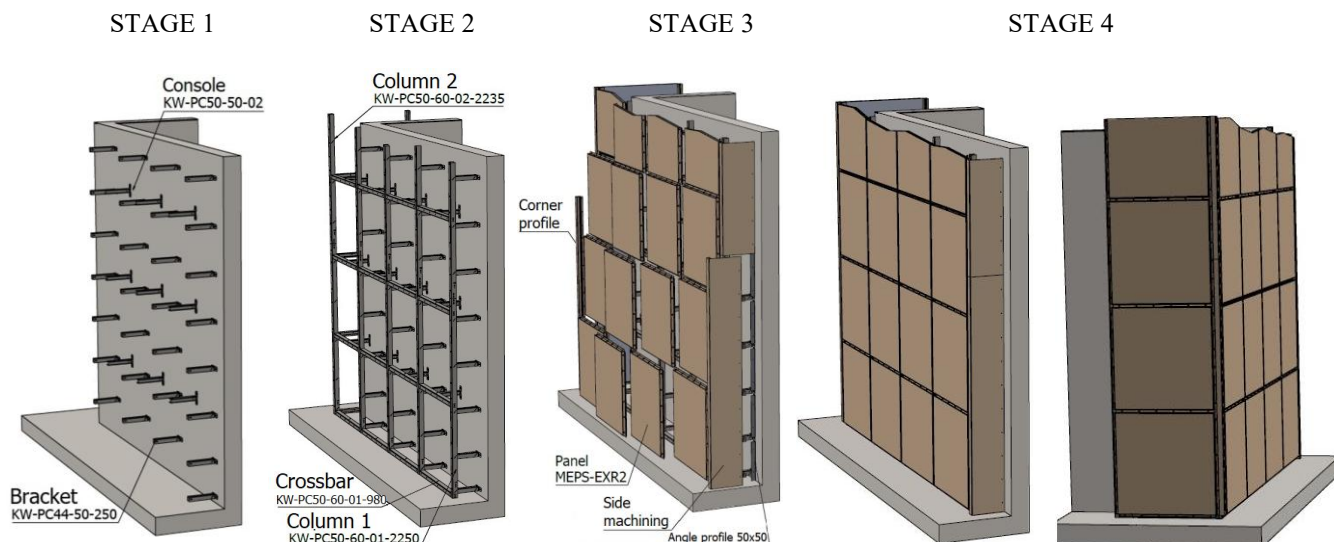
### Technical parameters:

- panel weight - 22 kg/m<sup>2</sup>
- substructure weight - 23 kg/m<sup>2</sup>
- panel and substructure weight - 45 kg/m<sup>2</sup>
- number of panels per m<sup>2</sup> - 0,94 pcs/m<sup>2</sup>
- corner profile - as required
- side flashing / edge trim - as required

### MEPS-BI-EXR2 components:

MEPS-EXR2 panel	Side machining / edge trim	Corner profile	Console KW-PC50-50-02	Bracket KW-PC44-50-250
Crossbar KW-PC50-60-01-980	Column 1 KW-PC50-60-01-2250	Column 2 KW-PC50-60-02-2235	Angle profile 40x40	Angle profile 50x50

## Simplified installation diagram (according to the installation manual).



WYD. 3/2026