

**BLAST-BALLISTIC-FORCE ENTRY
RESISTANT BUILDINGS** and components

RBS
Steel Structure Systems

Blast Ballistic Resistant Buildings (BBRB) Catalogue

CONTENTS

1-Blast/Ballistic Protection For Existing Buildings

1.a.Design

1.b.Components

1.c.Erection

1.d.Pictures

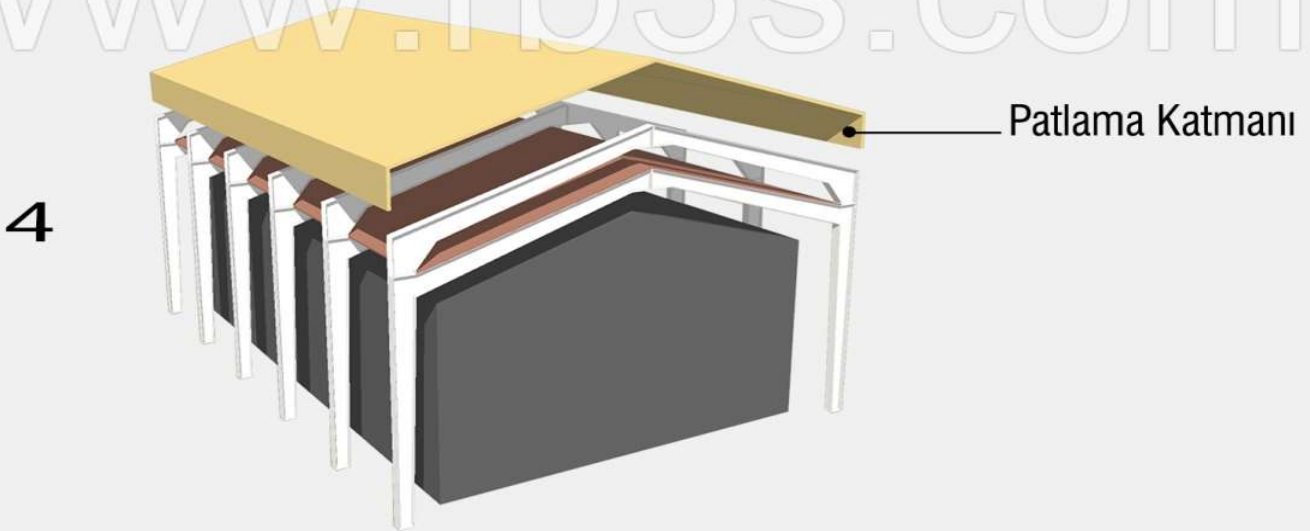
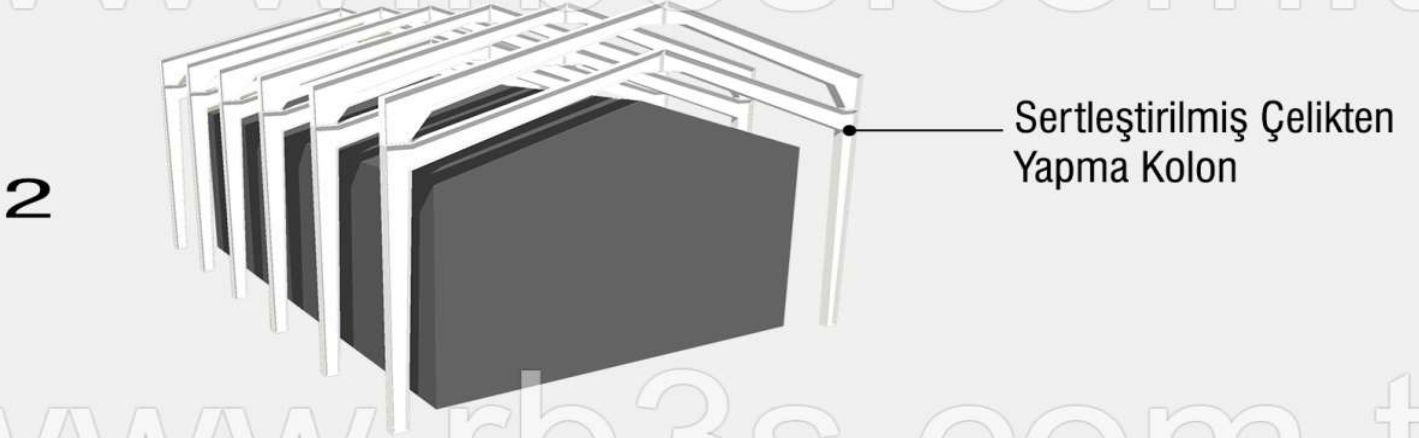
2-Blast/Ballistic Resistant Buildings and FEB

2.a.Design

2.b.Components

2.c.Pictures







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Ballistic Panels

Level 3 (UL 752)

STANDART PANEL SIZES: 4' x 8'

Different sizes available acc. to customer.

NOMINAL WEIGHT: max. 6lbs/sq.ft

THICKNESS: 9/16 "

PRODUCT APPLICATIONS:

Bullet Resistant Panels can be used in cladding walls, doors, vehicles.etc.

Commercial

- Banks and credit unions
- ATM cabins
- Exchange offices
- Data centers

Government

- Courthouses/courtrooms
- Prisons
- Administrative offices
- Public safety facilities

Healthcare

- Hospitals and clinics
- Pharmacies

Residential

- Safe rooms
- Storm shelters

Military

- Transport vehicles
- Housing
- Base entrances

OTHER PRODUCTS AVAILABLE:

Bullet Resistant Fiberglass Panels are manufactured to meet different protection levels of UL752 Standards and NIJ0108.01 specifications.

SUBMITTALS:

Submittals and samples are available upon request.

PERFORMANCE LEVEL:

- UL752 Standard for Bullet Resisting Equipment – Level 3 Paragraph 4.5
- National Institute of Ballistic Standards NIJ0108.01– Level IIIA
- Class IV Forced Entry Protection Rating Per ASTM F1233-98

AMMUNITION TESTED:

.44 magnum lead semi-wadcutter gas checked – 240 grain, 15.6 grams, minimum 1350 feet per second.

PRODUCT DESCRIPTION

The panels are made of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into flat rigid sheets.

PRODUCT BENEFITS:

- Easy to install
- Effective delay against forced entry
- Low wicking – preventing buildup of mold
- Nontoxic materials

ESA COMPOSITES:

- ISO 9001-2000 registered
- Can be cut according to customer drawings.
- Can be produced in curved form. .

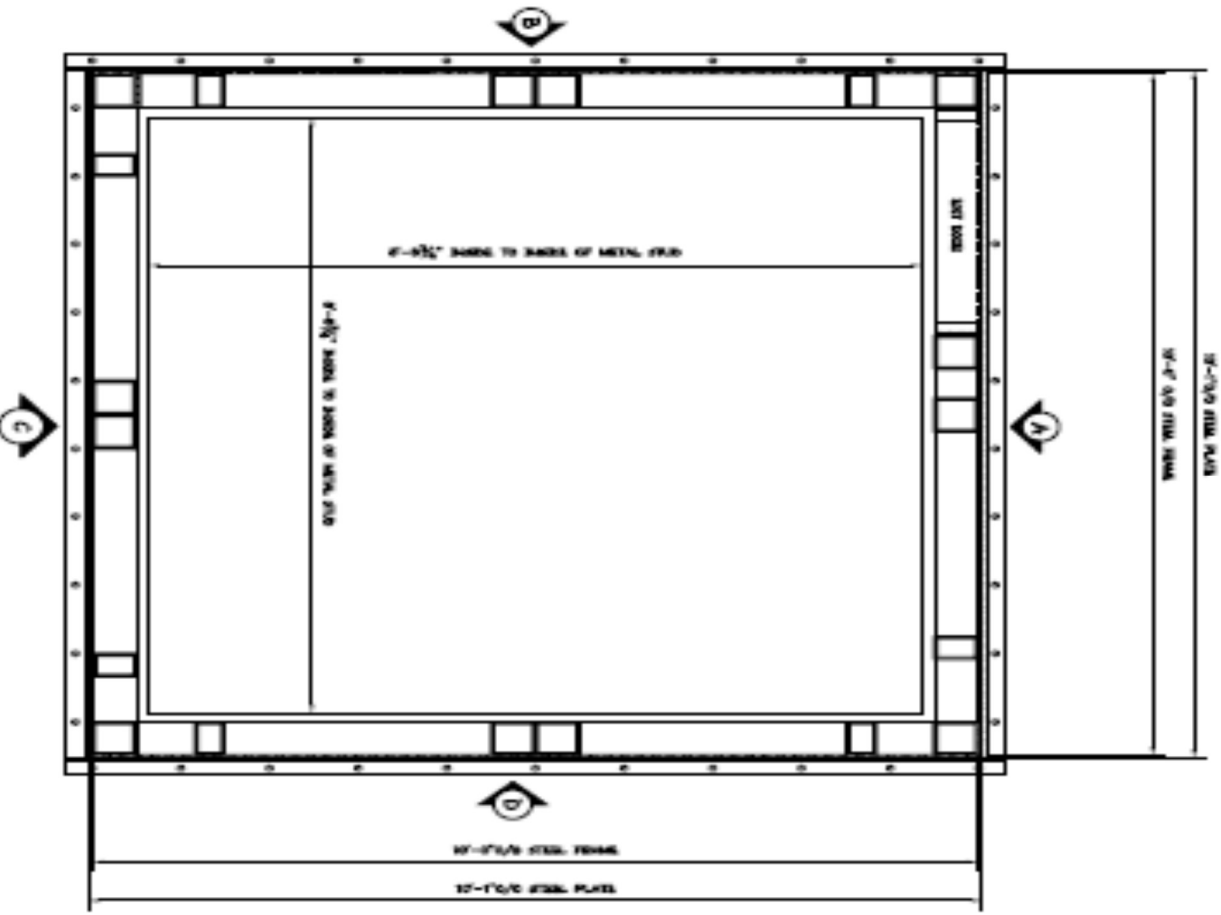
PRODUCT INSTALLATION:

Panels can be coated with water and oil based paints. We suggest using a diamond-grit blade for cutting the material.

GUARANTEE:

2 years

TYPICAL PLAN VIEW
(TYPICAL OF BUILDINGS 2, 4, 5, 6, 7 & 8)



TYPICAL PLAN VIEW
(TYPICAL OF BUILDINGS 1 & 3)

