

The Ultimate Guide to Bulletproof Glass & Bullet Resistant Barriers

To protect your most valuable assets

KTM
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What is Bulletproof Glass?

Better known as; *bullet resistant glass*, bullet resistant glass is actually one of several types of bullet-resistant thermoplastic, sometimes laminated in layers that include traditional tempered glass. It is a little known fact that in most cases *there is no actual "glass" involved*.

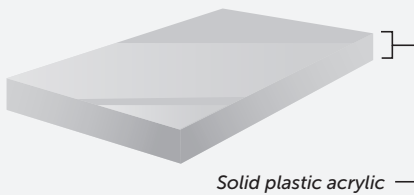
The Break-down

Bullet resistant glass is usually constructed using polycarbonate, thermoplastic, and laminated glass. The aim is to make sandwiched layers of different materials have the appearance of standard glass.

There are three main common forms of ballistic security glass:

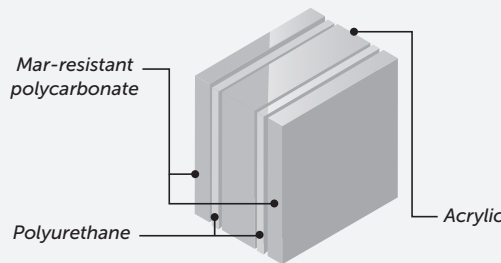
1 Bulletproof Acrylic

The most common glass: a single piece of 1-1/4" to 1-3/8" solid plastic sheet, used mostly indoors.



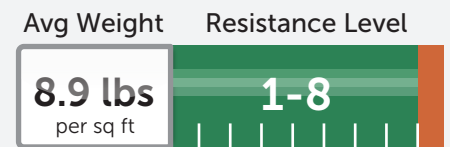
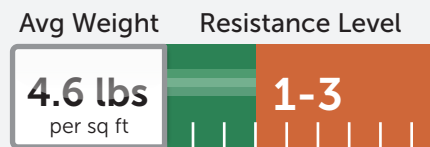
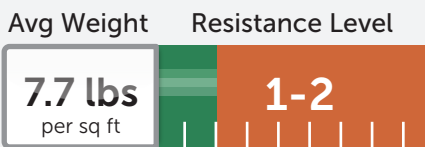
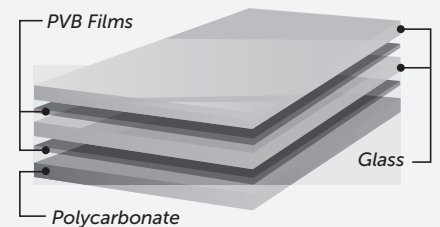
2 Laminated Polycarbonate

This glass provides excellent optical clarity and typically weighs less than other materials.



3 Glass Clad Polycarbonate

Its thick layers make the highest-rated levels of bullet resistance obtainable. A great choice for exterior use.



The 8 Levels of Resistance

Each level of glass has been tested and found effective at stopping certain types of projectiles, ones most typically employed during an armed robbery.

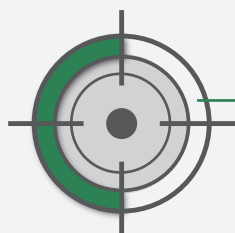
Ammunition	# of Shots	Level
9mm Pistol	3	L1:

Where is Each Level Most Commonly Found?

Level 1: Typically used in gas stations, retail applications, pharmacies, banks, credit unions, gold buyers, pawn shops, & check cashiers.

.357 Magnum	3	L2:
.44 Magnum	3	L3:
.30-06 Hunting Rifle	1	L4:
AK-47 Assault Rifle	1	L5:
Uzi Submachine Gun	5	L6:
M16 Assault Rifle	5	L7:
AK-47 Assault Rifle	5	L8:

- Level 2:** Often found in large corporate banks & financial institutions.
- Level 3:** Common for utilities, police stations, & government facilities.
- Level 4 & up:** Government and military uses.



50%

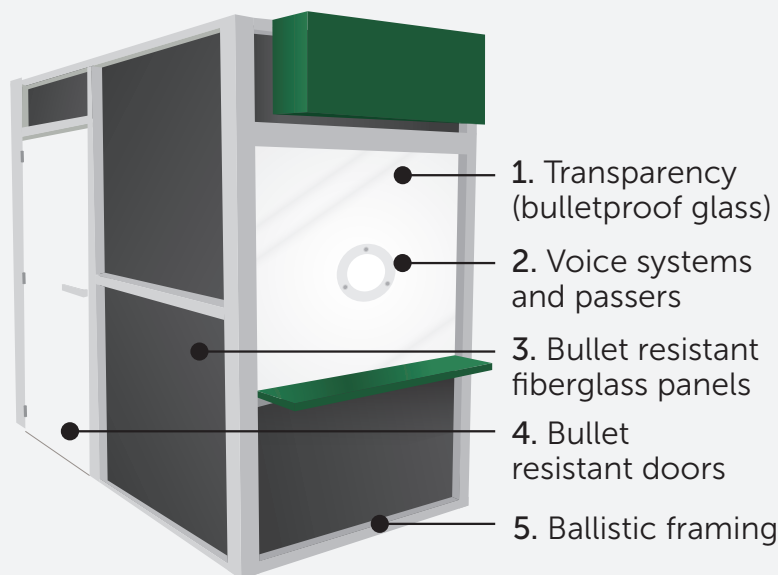
Bulletproof glass weighs 50% less than normal glass & can be installed in almost any setting.

42%

42% of America's robberies involve the use of firearms.



5 Components to any Bullet Resistant Barrier



THE KTM DIFFERENCE

Most Frequently Ordered



KTM installs these 3 types of bulletproof glass most commonly

- Level 1: Uncoated Acrylic
- Level 3: Laminated Polycarbonate
- Level 4: Glass Clad Polycarbonate

Our Process

PLANNING

Measure twice cut once

1

Design & materials will be chosen based on specifications of each site. A KTM engineer will accurately field measure your facility for installation or review drafts provided for us.

PRODUCTION

Care/ Precision/ Quality Control

2

Our computer-driven manufacturing operation converts precise architectural measurements into a complete system of complementary components.

INSTALLATION

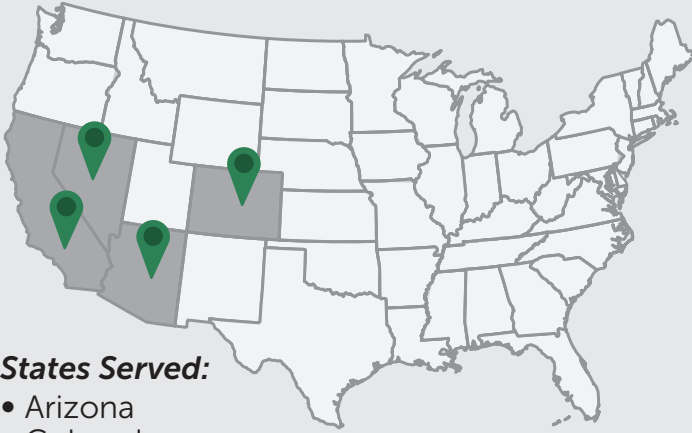
Security

3

All components are wrapped and shipped to the designated site where you, or our experienced installation crew, can install the system.

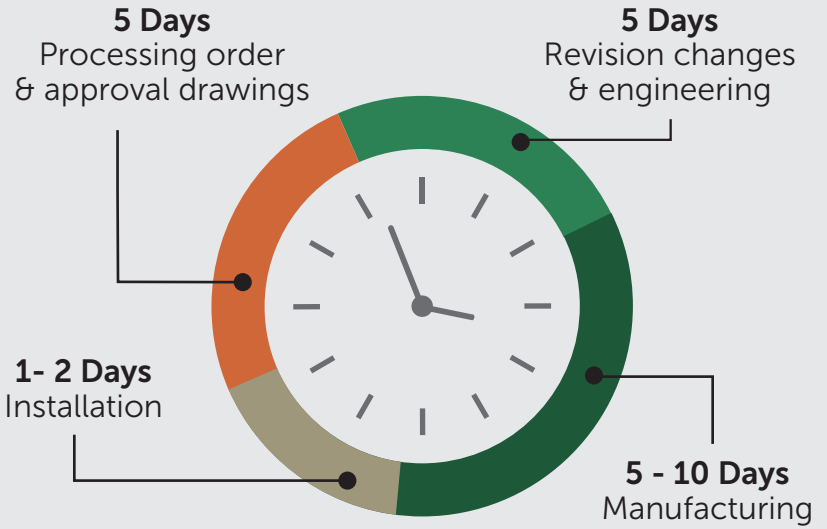
Shipping & Delivery

Located in Southern California, we proudly deliver our products and services in various locations across the West Coast of the United States.



States Served:

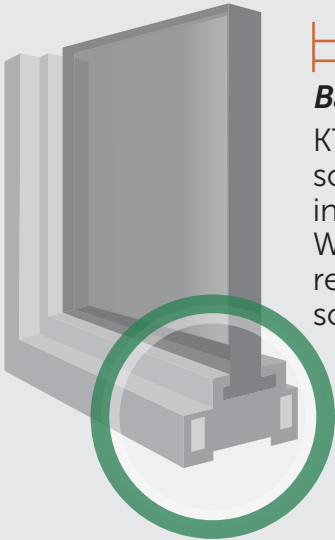
- Arizona
- Colorado
- California
- Nevada



3-4 weeks

A typical project cycle time is 3 to 4 weeks depending on the scope of the job.

Seamless Security



Ranging in thickness from **3/4" of an inch to 3 inches**

Ballistic Glass

KTM recognizes there is no "one size fits all" solution and offers custom barriers to seamlessly incorporate Level 1-3 bullet-resistant security. Whether it be new construction or retrofit/renovation, our custom security solutions are tailored to fit your needs.

Ballistic Framing

Doors, windows, and other points-of-entry are the inherent weak spots in any security system, and that's where we are at our best, specializing in secure, bullet-resistant, rated frames.

Choose Protection

Our customers rely on KTM Enterprises for three main reasons:



Deterrence



Security



Employee Safety

Shouldn't you do the same?



KTM Enterprises, an affiliate of the nationally recognized **Total Security Solutions**, is a leader in comprehensive bullet resistant equipment and installations for a broad range of commercial environments. Our mission is simple and clear — physical barrier systems consistently produced to your specifications at the highest level.

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