Providing Protection for United States Military Personnel.

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>
> — *Randy Jensen, Sun Control of Minnesota*

3M™ Scotchshield™ Safety and Security Window Film Ultra Series

Armed Forces Service Center — Twin Cities, Minnesota

▶ **Project Scope**

The Armed Forces Service Center in Minnesota provides members of the United States Armed Forces who are traveling through the Twin Cities area with a free place to rest and relax. It includes a lounge, kitchen, sleeping rooms, big-screen televisions and free Wi-Fi. Since it operates as a non-profit organization, the center is staffed mostly by volunteers 24 hours a day, seven days a week. Opened in 1970, this travel oasis for military personnel has served more than 800,000 servicemen and women.

It goes without saying that it is important to help protect such public facilities against the threat of terrorist attacks. For example, during bomb blasts, explosions or any other type of spontaneous breakage, glass shards are a common contributor to injuries and fatalities.

▸ Situation

When the managers of the Armed Forces Service Center began searching for possible safety-enhancing solutions, both 3M and Sun Control of Minnesota — an authorized 3M window film dealer in St. Paul — stepped in to help. 3M has a long history of providing solutions to America's military. For years, 3M has provided innovative products for naval, aerospace and armor applications.

"While several security upgrades have been implemented at this facility, cost effectiveness is always a consideration," said Randy Jensen of Sun Control. "They considered replacing all of the windows, but it wasn't even close to a budget that they could afford."

▸ Solution

Jensen recommended installing 3M™ Scotchshield™ Safety and Security Window Film Ultra 800, along with the 3M™ Impact Protection Profile Attachment System. This film and attachment system can help prevent glass shards from becoming lethal projectiles during accidents, vandalism or bomb blasts.

The 3M™ Scotchshield™ Safety and Security Window Film Ultra Series is made up of numerous micro-layers of film providing excellent toughness and strength. It has proven successful in a number of environments — from large commercial buildings to private homes seeking improved security against break-ins and vandalism.

"The tear-resistance properties are critical to providing protection, because once films tear, they lose significant strength," Jensen said. "3M has the only tear-resistant window film on the market."

▸ Result

In just one day, Sun Control installed the film and attachment system to all of the windows in the building, helping to improve the safety of the facility and the people who serve there.

"It's not only cost-effective, but it's also invisible to a potential attacker," Jensen said. "There's no way for them to know the glass has been fortified."

Jensen said his firm's work on the service center was aligned with 3M's ongoing tradition of offering products that provide protection for the United States Armed Forces, and Sun Control was honored do its part: "3M has a firm commitment to the safety and security of our troops, and it was our pleasure to be part of the project."

Case Study Summary

Challenge: A Twin Cities-based facility with a lounge, kitchen, sleeping rooms, big-screen televisions and free Wi-Fi for United States military personnel traveling through the Twin Cities that needed blast mitigation and intrusion protection.

Product Selection: 3M™ Scotchshield™ Safety and Security Window Film Ultra 800

Benefits: Strength, tear-resistance and proven protection in the event of bomb blasts..

Product Installer: Sun Control of Minnesota