

NEW ENGLAND REAL ESTATE JOURNAL

SAFETY & SECURITY

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3M Scotchshield™

Safety & Security Window Film

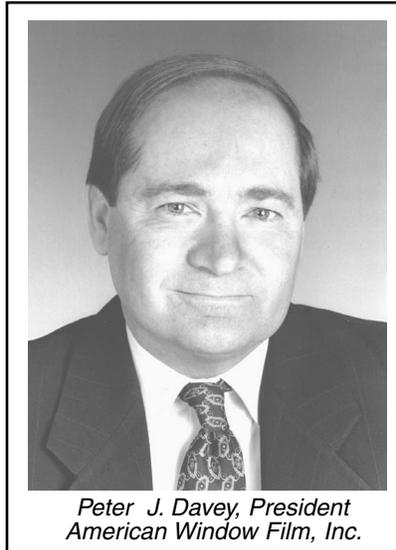
Designed to mitigate the destructive effects of bomb blasts.

BC News World Edition
(Wednesday, 9 February 2005)
headlines: "Madrid rocked by bomb
blast." Its photo caption: "Most of those
hurt were hit by flying glass from near-
by buildings."

The Washington Post website reports
"London Terror Bombings Kill 37,
Wound 700" (The Associated Press,
Friday, July 8, 2005, Robert Barr).
Local, national and international broad-
cast journalists and political leaders
remind us that "It's not a matter of 'if'
but 'when' another attack will occur in
the U.S." Disturbing news indeed con-
tinues to bombard and remind us of
our vulnerability.

Given troubling times, business
owners, property and facilities man-
agers would be remiss to overlook the
potential harm and loss of business
that results from the after-effects of
catastrophic events such as bomb
blasts, chemical explosions, violent
weather or vandalism. In the event of a
bomb blast or explosion, a high percent-
age of injuries occur from shards of
glass that act like daggers when blown
out of buildings that surround ground
zero...buildings that may be located
miles away from the actual point of
impact.

Building owners and facilities man-
agers are purchasing 3M™ Scotch-
shield™ Safety & Security Window Film
for perimeter windows in order to miti-
gate the destructive effects of explo-
sive blasts, severe weather, and van-
dalism and their associated impact on
business continuity. Compared to the
expense of glass replacement, retro-
fitting with security window film offers
an affordable option for improving safe-
ty. Efficient and professionally trained
installers provide minimum interruption



*Peter J. Davey, President
American Window Film, Inc.*

to production activities. The added
benefits of reduced heating, cooling
and HVAC maintenance expenses
provide good reasons for facilities
managers to justify their investment on
future energy cost savings.

Most of us have experienced the
invisible shield of protection that 3M
security films provide. Many commercial
buildings (banks, airports and federal
buildings) have security film already
installed. We rarely hear about securi-
ty window film installation since build-
ing owners are reluctant to suggest that
any of us are vulnerable inside their
facility. I might argue that knowledge of
safety measures in place is both reas-
suring to our community and a deter-
rent to many who seek to do us harm.

3M Company, an ISO9002 certified
manufacturer, issued the first patent
on window film in 1966. 3M is the only
window film manufacturer that produces
their own raw materials such as poly-
esters, adhesives, metals and scratch-
resistant coatings. Their films meet
ANSI Z97 and CPSC glazing standards,
and 3M's patented multiple micro layer
technology, to enhance tensile strength

and elongation, has contributed to
their longevity in the field. They are a
durable, tear-resistant series of poly-
ester films that provide high optical
clarity. Their construction delivers
superior performance over standard
polyester films in blast and impact miti-
gation due to its ability to absorb shock.

The 3M™ Ultraflex Sealant System
is a strong safety and security installa-
tion system. It combines the strength
and elasticity of 3M Scotchshield™
Safety and Security Window Film with
Dow Corning™ 995 Silicone Structural
Sealant. The combination creates a
flexible membrane that captures and
absorbs impact energy allowing the
frame to bend and twist to accommo-
date a variety of impact stresses. It is a
more cost effective system when com-
pared to more bulky mechanical
attachment alternatives.

Our news is filled with daily reminders
of our vulnerability to terrorist attacks.
It simply makes good sense to imple-
ment security measures that will help
assure business continuity in the after-
math of explosive blasts, vandalism or
violent weather. Installation of security
window film is quick, clean and, not
only cost effective, it can provide a
return on your investment. A low profile
method of glass retention, security
window film is a method of prepared-
ness we can afford and should imple-
ment, for the safety and protection of
visitors, occupants and passers-by of
our nation's commercial buildings. It is
a pro-active way to thwart the intent of
those who seek to terrorize.

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