



STRENGTH



PPG GOVERNMENT  
SOLUTIONS



DURABILITY

PHYSICAL  
PROTECTION  
SOLUTIONS



PROTECTION

<http://governmentsolutions.ppg.com>

# Customizable Solutions



PPG offers a customizable range of integrated solutions that provides the government with advanced physical asset protection against evolving blast/multi-hazard threats.

PPG products are designed to work together to provide the government with a trusted source for blast mitigation and building hardening to resist the increasing terrorist threat that threatens our nation's physical assets here and abroad. Solutions are applicable on both new construction and retrofit applications.

**Pitt-Char XP Pitt-Char<sup>®</sup> XP Fire Protective Coating** is a two-component epoxy based intumescent coating. Pitt-Char XP is ideal for applications where fire and/or bomb potential are high. PPG's Pitt-Char product is ideal for the structure steel in any major construction projects such as embassies, hospitals and airports. The product is UL rated to provide at least 2 hours of fire protection meaning that if a structure were on fire – the fire protection will reduce the rate of the loss of the steel's integrity by delaying the heat transfer that deteriorates the chemical composition thus losing its strength. Ultimately the two hours of fire protection ensures a reasonable period of time so that all of the building occupants can evacuate should the structural steel completely fail.

**Mil-Tough™ BR Polyurea Coating** is a two-component, flexible light grey coating used in federal and military buildings to improve the blast protection of walls. The aliphatic amine and polyisocyanate components make this material durable to UV exposure. It provides enhanced blast mitigation for military infrastructure and spall resistance.

**PPG Mil-Tough™ ICB Blast Panels** are precast, reinforced panels built under controlled manufactured conditions to deliver reliable and predictable blast and ballistic mitigation performance for new and retrofit construction projects. Due to the higher level of strength delivered by the base Inorganic Composite Binder (ICB) and the strength multiplier of its composite reinforcement, Mil-Tough™ ICB Blast Panels meet or exceed GSA blast performance in thinner and lighter forms without steel rebar or support structures. Panels are available in a number of sizes and levels of threat protection as well as in a wide variety of designs, styles and colors to complement all types of building décor while offering superior protection for the occupants.

**High Performance Architectural Security Glazings** provide a combination of blast, ballistic, and intrusion protection. PPG and Sierracin Corporation, now a wholly owned business of PPG, have deep experience in transparency technologies for aircraft, rotorcraft, armored military vehicles, and other specialty applications requiring high performance and impact resistance. PPG glass coating technologies can also provide enhanced functionality to security glazings such as solar control, RF/IR attenuation, defrost technology, and color options for aesthetics.

# PRODUCT AND MARKET EXPERTS



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## ABOUT PPG

PPG Industries is a world leader in the manufacturing of coatings, transparent armor, and specialty products and services, providing technology based solutions to our customers. Our vision is to become the world's leading coatings and specialty products and services company. As a global supplier of paints, coatings, chemicals, optical products, specialty materials, glass and fiber glass, PPG is dedicated to supporting our military through advanced technologies and our extensive research, development and manufacturing capabilities. The company has more than 150 manufacturing facilities and equity affiliates and operates in more than 60 countries with more than 40,000 employees.

Our Government Solutions division offers a full range of industry-specific products



PPG GOVERNMENT SOLUTIONS

- Military Defense
- Construction
- Homeland Security
- Fleet Vehicles