OPERATIONS & MAINTENANCE GUIDE

UL 752 Bullet-Resistant Fiberglass Panels | Levels 1-8

1. Product Description

ArmorCore bullet-resistant fiberglass panels are manufactured using woven-roving fiberglass reinforcement and thermoset resin. The panels are designed for integration into building assemblies to provide ballistic protection in accordance with their designated UL 752 protection level.

2. Operation

ArmorCore panels are passive protective building materials. They do not require electrical power, mechanical operation, adjustments, or activation to perform their intended function.

3. Routine Maintenance

When properly installed within a finished building assembly, ArmorCore panels do not require routine servicing, lubrication, cleaning, or scheduled maintenance. Exposed installations should be maintained in accordance with the care and protection recommendations in Section 6.

4. Inspection

Routine inspections of concealed panels are generally not necessary. If damage to the surrounding assembly, water intrusion, impact, or unauthorized modification is suspected, the affected area should be evaluated to determine whether the panel condition or protective continuity has been compromised.

5. Repairs and Modifications

Any modifications, penetrations, or alterations should be reviewed to ensure the intended ballistic protection is maintained. Panels that have sustained ballistic impact or significant physical damage should be evaluated for replacement. Contact ArmorCore for product-specific guidance.

6. Care and Protection

ArmorCore panels installed within finished wall assemblies do not require routine cleaning or maintenance.

For exposed or exterior applications, panels should be protected from prolonged exposure to direct sunlight and environmental conditions. An appropriate UV-resistant protective coating is recommended for outdoor installations to help prevent deterioration from prolonged UV exposure.

Exposed panels should be kept free of unnecessary physical damage and protected from harsh chemicals or conditions that could adversely affect the material.

7. Replacement

If replacement becomes necessary, use ArmorCore panels with the appropriate specified ballistic protection level. Replacement materials should be installed in accordance with ArmorCore installation guidelines and applicable project requirements.

8. Additional Documentation

Refer to the applicable ArmorCore product data sheets, installation guidelines, and warranty policy for additional product information.