

Installing Bullet-Resistant Fiberglass Sheets

LUMAgard™ bullet-resistant fiberglass sheets are manufactured in three standard sizes: **3' x 8'**, **4' x 8'** and **4' x 10'**. Larger sheets may be available in some products, depending on the nature of the requirement.

Install the largest continuous panel that is practical. Joints are ballistically weak. Reinforce butt-joints with 4" strips of the same product either in front of or behind the joint.

Fiberglass armor sheets are ordinarily installed by mechanically fastening the sheets to the side of the supporting structure that the projectile would come from. Fiberglass armor sheets expand slightly upon impact as part of the normal dissipation of energy from incoming projectiles. If sheets are to be installed against a very hard surface (like masonry block or cement board) leave a 1/4 -inch (minimum) gap by shimming the fiberglass sheets.

Finishing materials, sheet rock, wallpaper and decorative laminates bond readily to the surface with standard construction adhesives.

LUMAgard™ sheets are readily cut using abrasive blades commonly used to cut masonry. Sheets are readily drilled using high-speed twist drills for smaller holes, and abrasive saws for larger holes. Dust generated during cutting and drilling can be hazardous. Wear a protective mask if necessary to avoid inhaling the dust. The dust may be irritating to the skin. Wear eye protection during fabrication. Refer to the material safety data sheet for other important safety information.

Requests for a material safety data sheet, product availability, pricing, literature and additional information faxed to 631-422-2811 or emailed to lumasite@aol.com will receive a prompt response.