

Glass Handling

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Care needs to be taken during handling and glazing to ensure that glass damage does not occur. Do not allow the security glass edges to contact the frame or any hard surfaces during installation. Damaged glass edges can ultimately result in delayed glass breakage as the units encounter in-service thermal and mechanical stresses. ARMI assumes no responsibility for glass breakage.

Glass-Clad Polycarbonate

Once security glass is installed, the glazing contractor should make provisions to ensure the security components are protected from possible damage caused by the construction practices of other trades.

Take special care during the initial cleaning, the construction period or when glass surfaces are severely soiled. This prevents glass damage caused by abrasive contaminants. First, flush glass surfaces with a clean water to remove as many contaminants as possible. With the glass surfaces still heavily wetted, carefully work a squeegee from top to bottom removing excess water. Ensure that any remaining abrasive materials do not become trapped between the glass surface and the rubber squeegee; otherwise, the glass surfaces may become scratched.

Then clean the glass with a clean, soft, grit-free cloth and a mild, non-abrasive, non-alkaline cleaning solution. Rinse immediately with clean water and remove any excess water from the glass surfaces with a squeegee.

For routine cleaning, use mild soap or detergent and lukewarm water.

Laminated Polycarbonate

Exposed polycarbonate or spallshield surfaces require additional care to avoid damage and scratches. Do not use abrasive cleaners or cleaning products that can mar or gouge the surfaces. Wash polycarbonate surfaces with a mild soap or detergent and luke warm water, using a clean sponge or soft cloth. Rinse well with clean water. Dry thoroughly to prevent water spots.

Fresh paint splashes, grease and smeared glazing compounds can be removed easily before drying by rubbing lightly with a quality grade isopropyl alcohol. Afterward, finish with a warm wash, using mild soap or detergent solution and ending with a thorough rinsing with clean water.