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Protect Laminated Lead Shielding Safety Glass Cleaning and Handling Instructions

Introduction:

The shielding characteristics for Protect Door Lead Shielding Safety Glass are achieved by using a glass composition, which is high in lead and barium. This makes the glass, when compared with float glass, more sensitive to chemical reactions from acidic, alkaline substances or water vapor.

Handling Instructions for Protect Door Lead Shielding Safety Glass:

The surfaces of lead shielding glass are susceptible to attack by acids and alkalis and excess humidity. The glass should therefore not be exposed to acid gasses, humidity and high temperature fluctuations combined with humidity. Since the glass is very soft (i.e. can be easily scratched), when compared to float glass, care should be taken when handling the glass. When being assembled into a window frame, care should be taken to avoid any sealing agents that contain acid and alkali substances.

When handling lead shielding glass, it is advisable to wear cotton gloves to avoid leaving fingerprints on the glass surface, which will be much more visible due to its high refractive index. Do not leave fingerprints on the glass surface for any lengthy period of time, especially in a humid atmosphere, as permanent staining can occur.

Keep all tapes, labels and adhesives off the surface of the glass. The alkalis from the adhesive may attack the surface of the glass and cause permanent staining.

Cleaning Instructions for Protect Door Lead Shielding Safety Glass:

General cleaning advice:

1. Do not use harsh abrasive cleaning chemicals or cleaning materials. These could abrade the surface and leave scratch marks, which cannot be removed.
2. Never allow any liquid cleaning materials to dry on the glass surface. This will leave "water marks" on the glass surface, which will be very difficult to remove.
3. Use only mild detergents.

Depending on the type of cleaning to be made, the following recommendations are made:

1. General cleaning for the removal of dust, film, etc. – Use a soft cotton cloth with isopropyl alcohol and clean in a smooth circular motion.
2. Cleaning difficult stains: Use a mild detergent diluted with water to the manufacturer's recommendations and clean with a soft cotton cloth. Dry the surface immediately after cleaning with a soft cotton cloth, and using another cotton cloth, clean with isopropyl alcohol as in section 1.

All values described in this publication are nominal. This publication gives a general description of the process and materials. It is the responsibility of the user to ensure that their use is appropriate for their application, and that such application complies with all relevant local and national legislation. Protect Door hereby disclaims any liability arising from any error or omission from this publication and the consequences of relying upon the information contained.