

# *All Seasons Window & Door Glass Standards*

12/2022

Glass shall be inspected from a distance of 9 feet against a bright uniform background without direct sunlight.

Normal vision area of glass is defined as the central area more than 3" from the edge of the glass; the remaining area is considered the outer area and will be considered within 3" of the outer edge of the glass. Any defect not detected under specified conditions is not considered to be a fault.

**Scratches, Debris, and Rubs:** Glass shall be inspected from a distance of 9 feet. Deep scratches more than 1/4" wide will not be permissible in the vision area if more than 5/8" in length. Fine scratches, up to 3" in length, visible at certain angles, will be permissible and may have more than one as long as they are at least 12" separation between them. For the outer area, it will be permissible to have no more than 2 fine scratches together up to 3" in length and may have more than one set as long as they are at least 6" separation between sets of scratches. The outer area is considered to be within 3" of the outer edge. Debris between the glass is permissible if not be visible from a distance of 9 feet.

**Distortion:** Distortion in glass occurs due to a number of factors such as heat treatment, solar and thermal heating, barometric differences, installation techniques etc. Such distortions are highlighted due to the reflective coating. Distortions of reflected objects viewed on the glass surface cannot be considered a defect of the coated glass.

**Our standards exceed:** Glass breakage, or minor glass imperfections allowable under ASTM specifications C-1036-91 and C 1048-92 for glass quality q3



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WINDOW & DOOR MFG., INC.™