



Wisconsin Shower Door

Coated Vision Glass Inspection Criteria per ASTM C 1376-15 (abridged)

Wisconsin Shower Door prides itself in delivering high-quality tempered fabricated glass items. The criteria listed below meet ASTM C 1048-12 standards.

Inspection Criteria

- These specifications apply to cut size glass only.
- Visual inspection should be done with 20/20 vision (naked eye or corrected)
- The inspector shall place the glass in a vertical position
- Inspector shall be positioned perpendicular to the glass surface at a distance of 10 ft.
- Lighting should be daylight level (without direct sunlight) or other uniform backlight that simulates daylight
- If a blemish is readily apparent under these viewing conditions, the criteria below applies

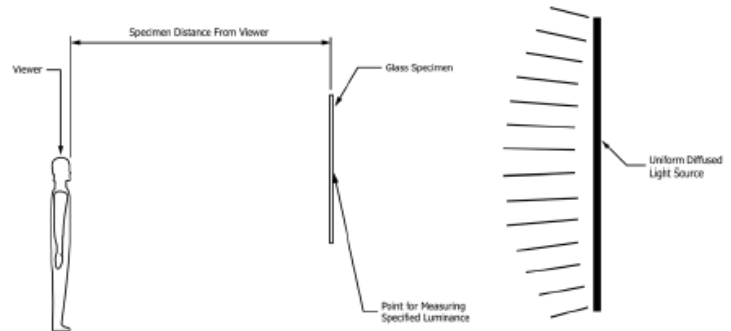


TABLE 1 Quality Specifications for Cut Size Coated Vision Glass (Kind CV)^A

Blemish ^{B,C}	Central Area, in. (mm) ^D	Outer Area, in. (mm) ^D
Pinhole	1/16 (1.6) max	3/32 (2.4) max
Spot	1/16 (1.6) max	3/32 (2.4) max
Coating scratch	2 (50) max length	3 (75) max length
Mark/contaminant	2 (50) max length	3 (75) max length
Coating rub	none allowed	length plus width not to exceed 3/4 (19)
Crazing	none allowed	none allowed
Corrosion	none allowed	none allowed

The central area is considered to form a square or rectangle defined by the center 80% of the length and 80% of the width dimensions centered on a lite of glass. The remaining area is considered the outer area.

Terminology

COATING RUB – a surface abrasion of appreciable width that has partial, or complete, removal of the coating producing a hazy appearance.

COATING SCRATCH – partial, or complete, removal of the coating along a thin straight or curved line.

COATED VISION GLASS – glass used in an installation in which the lower edge of the glass is a maximum of 6 ft above floor level and the glass can be approached within 10 ft or less.

CORROSION – change in the color or level of reflected or transmitted light over all or part of the glass surface as a result of degradation of the coating from external sources.

CRAZING – a random conglomeration of fine lines or cracks in the coating.

MARK/CONTAMINANT – a deposit of foreign material on the glass surface.

PINHOLE – small area in which the coating is entirely or partially absent.

SPOT – a small, opaque blemish in the coating.

Additional Criteria

Linear and point blemishes in glass should be evaluated per WSD's Flat Glass Inspection Criteria per ASTM C 1036-16.

Tempering blemishes in glass should be evaluated per WSD's Heat-Treated Inspection Criteria per ASTM C 1048-18.

All listed criteria are based on ASTM C 1376-15