

DSS-P.02.01 | Processing / Manufacturing Features

Tin-Side Haze / Surface “Side” Effects

Float & raw glass feature - reference; generally not “damage”

Diagnosis summary

Subtle appearance differences between float-glass surfaces-commonly a faint haze/iridescence or slightly different “sheen” on the tin-side versus the air-side-arising from normal float manufacture. These are factory surface-side signatures, not field-induced surface-relief defects. Observe with VIS lighting and viewing geometry for consistency;

Field identification cues

- Surface-catch class (MSRT): SC-0 (none). Perform one light, non-marring pass per VIS §5.5; do not abrade or repeat passes. Tin-side haze is an appearance-side effect, not local relief.
- Visual signature: Uniform, non-directional variation in tone/shine; lacks directional patterning and transition edge.
- Viewing/lighting: Inspect at 12 / 36 / 72 in with normal incidence and oblique sweep (~60°-120°) under raking light.
- Location/access: Pertains to the exposed surface under evaluation; record surface numbering (#1-#4 / laminate-internal) when IGUs/laminates are present.

Classification, severity and scope

- Not field damage. If observation confirms SC-0 with pane-scale, non-directional side effect and no local morphology, record: “Processing Feature - Not Surface Damage (outside CAT-1...CAT-4).”
- If a look-alike cue is confirmed between panes (fixed parallax in an IGU) or otherwise inaccessible, classify as CAT-5 (out of in-place scope) by location/condition.

Distinguishing criteria

- vs. Micro-abrasion swirls (M.02.01): Abrasion presents directional or curvilinear texture and may read slight catch; tin-side haze is non-directional and SC-0.
- vs.

Documentation and inspection

- Photo set (VIS): Capture at 12 / 36 / 72 in, normal + oblique; include raking usage in notes; avoid filters that alter appearance.
- MSRT result: Record SC-0; one pass only; non-marring.
- Forms: Pane ID; surface numbering; worked surface Y/N; coating present on worked surface? (Y/N/Unknown); reveal status; lighting/time; inspection geometry.

Safety / repairability boundary: Complete only the non-invasive reveal and inspection steps authorized by the controlling VIS guidance. Classification does not authorize restoration, establish acceptance, or override stop-work, coating, crack, integrity, access, chemical, fall-protection, or project-specific requirements.

Full DSS publication: use the catalog download. Web specification:

<https://a7df714357.nxcli.io/learning-center/resource-center/damage-specification-standards/dss-p-02-01-tin-side-haze-surface-side-effects/>