

DSS-P.01.04 | Processing / Manufacturing Features

Roller Pickup / “Line Ghost” (pyrolytic line pattern)

Processing / Manufacturing feature - reference; generally not “damage”

Diagnosis summary

A linear appearance feature associated with pyrolytic (hard-coat) deposition on the float line, observed as faint, conveyor-parallel lines or “ghosts” that repeat across a lite. It is a factory/processing signature of the coating run, not a localized surface-relief defect. For coating product context see the VIS normative references list (ASTM C1376).

Field identification cues

- Surface-catch class (MSRT):
- SC-0 (none). Perform one light, non-marring pass only; do not abrade or repeat passes.
- Morphology:
- Pane-scale linear appearance without chip flanks/pits; no transition edge typical of worked regions.

Classification, severity and scope

- Not field damage When observation confirms SC-0 with conveyor-parallel, pane-scale lines and no local relief/morphology, record: “Processing Feature - Not Surface Damage (outside CAT-1...CAT-4).”
- If the pattern is confirmed inside an IGU cavity (fixed parallax), record CAT-5 (out of in-place scope by location) and refer per project protocol.

Distinguishing criteria

- vs. Scraper/razor scoring (M.01.01): Scoring shows clear surface catch and often bright chip flanks under raking light; roller pickup is non-tactile and lacks fracture flanks.
- vs.
- vs. Micro-abrasion swirls (M.02.01): Swirls appear curvilinear/cross-hatched and can show slight catch; roller pickup remains straight, parallel, SC-0.

Documentation and inspection

- Photo set per VIS: capture at 12 / 36 / 72 in, normal + oblique; include a straight reference (mullion/string line) when practical to emphasize parallelism; note if raking.
- MSRT result: Record SC-0 (none); one pass only; non-marring.
- Forms: Pane ID, surface numbering (#1-#4; laminate-internal), coating present on worked surface? (Y/N/Unknown), reveal status, lighting notes/time.

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-01-04-roller-pickup-line-ghost-pyrolytic-line-pattern/>