

DSS-P.03.01 | Processing / Manufacturing Features

Seamed / Arris Edge Texture (as-processed edge finish)

Fabrication & finishing - reference; generally not "damage"

Diagnosis summary

Seamed/arris edge texture is the factory edge finish produced by light grinding to remove sharpness after cutting. It may appear as a narrow frosted/ground band at the perimeter or as micro-striations normal to the edge. This is a manufacturing edge feature, not a worked-surface defect. Evaluate observations under VIS lighting/geometry;

Field identification cues

- Surface-catch class (MSRT):
- On the face area adjacent to the edge: SC-0 (none) for the factory arris itself (no local worked-surface relief on the face). Perform one light, non-marring pass per VIS §5.5; do not abrade or repeat.
- Visual signature:
- Non-directional frosted/matte edge band without a transition edge on the face and without chip flanks. (If chip flanks or pits/craters are present on the face, evaluate under M.03/M.04 families.)

Classification, severity and scope

- Processing feature - not surface damage.
- Escalate when:
- Edge micro-chips / clamshells propagate onto the face with clear catch or bright flanks → classify per M.03 (edge & corner) at CAT-3/4 by morphology.
- Between-pane/inaccessible cues (fixed parallax in IGU rabbet area) → CAT-5 by location/condition; refer per project protocol.

Distinguishing criteria

- vs. Abrasion fields on face (M.02): Abrasion shows directional/web texture on the face and can escalate to slight/clear catch; a factory arris remains edge-bound and SC-0 on the face.
- vs.
- vs. Hot-particle peppering (Th.01): Thermal pits present bright chip flanks and clear catch on the face; arris texture does not.

Documentation and inspection

- Photo set (VIS): 12 / 36 / 72 in, normal + oblique; include raking usage; capture one frame showing edge band continuity across a long run to establish factory uniformity.
- MSRT result: Record SC-0 on the face adjacent to the arris; one pass only; non-marring.
- Forms: Pane ID; product family and surface numbering; worked surface Y/N; functional coating present on worked surface?

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-03-01-seamed-arris-edge-texture-as-processed-edge-finish/>