

DSS-P.03.05 | Processing / Manufacturing Features

Patterned / Textured Glass Relief (design)

Specialty & decorative - reference; generally not “damage”

Diagnosis summary

Patterned/textured glass is manufactured with intentional surface relief (e.g., flutes, prismatic or pebbled textures) as an aesthetic/functional design. The relief is inherent to the product, not a worked-surface defect. Evaluate observations under the VIS inspection lighting/geometry;

Field identification cues

- Surface-catch class (MSRT):
- On the intended textured face, MSRT will sense design relief; do not abrade. One light, non-marring pass only; on coatings, prefer a polymer stylus or rely on visual morphology + location.
- Visual signature:
- Non-directional, uniform relief without a worked transition edge; no chip flanks/pits typical of mechanical scoring or hot-particle attack. Use normal incidence and oblique sweep (~60°-120°) at 12 / 36 / 72 in under raking light.

Classification, severity and scope

- Processing/design feature - not surface damage.
- Escalate when:
- A local worked region is visible on the textured face (e.g., a transition edge/ring, local directional patterning, chip flanks or pits/craters).
- The cue shows fixed parallax within an IGU (between-pane). → CAT-5 (out of in-place scope); refer per project protocol.

Distinguishing criteria

- vs. Abrasion fields (M.02): Abrasion presents directional/web texture and may produce slight/clear catch; design textures are uniform and lack chip flanks.
- vs. Chemical etch (Ch.03/Ch.01): Etch shows modeled micro-texture and can create localization/halos; design texture is consistent and non-localized.
- vs. Coating anomalies (Co.01/Co.03): Coating rub/patchiness is a worked-surface anomaly and is not permitted on coated faces at acceptance (VIS §6.2.e).

Documentation and inspection

- Photo set (VIS): 12 / 36 / 72 in, normal + oblique; include raking frames showing uniform texture and context frames proving product continuity (not a localized worked patch).
- MSRT result: Record SC class (note: design texture may feel as relief; record without probing).
- 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-03-05-patterned-textured-glass-relief-design/>