

Document Purpose

This document will identify non-conformities that may appear in GEOS Recycled Glass Surfaces when delivered from our manufacturing facilities. This document is a tool to use during inspection, items in this document do not represent the normal quality of GEOS Recycled Glass Surfaces.

Inspection Process

GEOS Recycled Glass Surfaces should be inspected upon delivery and before fabrication. Non-conformities that are identified should be photographed and reported immediately to an EOS Surfaces Manager to begin the claim process.

Slab Thickness

Normal Thickness	Tolerance
2cm Slabs	19.5 -20.5mm (.76" - .807")
3cm Slabs	29.5 -30.5mm (1.16" - 1.20")
Slab Warp	Tolerance
2cm Slabs	<6.5 mm (.255") over 120" length, 3.25 mm (.125") over 60" width
3cm Slabs	<6.0 mm (.236") over 120" length, 3.00 mm (.118") over 60" width



Slab warp should be measured with slab lying completely flat on a stable flat surface such as a saw table or CNC bed. Unacceptable warp makes it impossible to lay the slab flat on a flat surface.

Foreign Material

During the manufacturing process GEOS Recycled Glass Surfaces can be unintentionally contaminated with foreign material such as rubber, steel, wood, etc. More than two pieces of foreign material in a 24" x 24" area should be reported immediately to an EOS Surfaces Manager. *Because of the nature of recycled glass products, mis-colored glass pieces are not considered foreign material.*

Lack of Material

Voids, air bubbles, gouges or valleys on the surface of GEOS Recycled Glass Surfaces that cannot be inconspicuously filled with resins are considered a non-conformity and should be reported to an EOS Surfaces Manager immediately for resolution.

Blotch

A blotch in GEOS Recycled Glass Surfaces is an area in the base mixture that is dominantly inconsistent with the rest of the slab due to a contaminant or inconsistent pigment.



- > 12mm (.472") in diameter = Non-Conformity
- > 2 blotches > 10mm (.393") in diameter within 12cm (4.72") of each other = Non-Conformity

Cracks or Fissures

Cracks or fissures on the surface of GEOS Recycled Surfaces created during manufacturing.

- > 0.5mm (.019") that are visible to the eye and can be felt on the surface = Non-Conformity

Gloss Level

GEOS Recycled Glass Surfaces ships with a gloss level of 40.0-60.0 on each slab, gloss level is different depending on the color but the standard is based on the lowest possible level for one of the colors of GEOS Recycled Glass Surfaces.

- <40.0 gloss level= Non-conformity

Gloss Level

Backside voids that interfere with certain lamination procedures or cutouts can be considered non-conformities. However, raised ridges on the backside of the slab are not considered a non-conformity as they can be easily leveled during fabrication.

- Voids or valleys >1.5 mm (.059") that interfere with finished product = Non-conformity