

Important Terms

Coefficient of Expansion (COE): The rate at which the glass heats up and cools down.

Compatibility: Glasses with the same COE will melt together smoothly and stay together when fused; they are said to be compatible.

Annealing: Holding the glass at a specific temperature in order to allow the stress to release.

Checking: A fracture in the glass caused by too great a temperature difference.

Devitrification: Haze on the surface of the glass caused by the breakdown of the crystal matrix caused by improper heating.

Fuse: Two pieces of glass form one.

Gather: A mass of molten glass.

Inclusion: A foreign body within the gather can be either accidental or intentional.

Mandrel: A metal rod around which beads are formed.

Marver: To roll and shape molten glass against a hard surface usually graphite or steel.

Murrine/Millifore: A picture or pattern sculpted, then pulled into long canes and sliced in to chips. Millifore is a specific pattern which literally translated means “thousand flowers.”

Pontil (pundy): A rod, either glass or metal, used to hold the gather. They can be solid or hollow to allow the artist to blow through them.

Raking: Drawing a tool across the molten gather to form a feathered pattern,

Slump: To bend a piece within the kiln. Can be used to bend glass into a molded form.

Soak: To hold the glass at a certain temperature for a fixed length of time.

Oxidizing Flame: An oxygen rich flame

Reducing Flame: A propane or gas rich flame, starved of oxygen.

Jack Line: A scored gap between the piece and puntill for knocking off cleanly. Usually made with jacks or shears.

Frit: Colored glass granules