PART 1 - GENERAL

1.01 Manufactured plastic window systems inclusive of pre-formed plastic windows and frames, closure members, reinforcement, shims, accessories, anchorage devices and miscellaneous fasteners, concealed and non-concealed, and flashing and trim for weather-tight system.

A. Do not use windows with nailing fins.

B. Design compliance:
   1. Infiltration: Maximum 0.03 cfm/foot.
   2. Maximum U value at center of glass of .25 BTU/hr-ft\(^2\)-F
   3. No condensation on the interior windows or frames at the expected interior temperature and humidity and the outside air temperature at -55 degrees F.

1.02 Quality assurance:

A. Manufacturer's qualifications: Minimum of 5 years experience in manufacturing plastic windows and frames.

1.03 Warranty: Manufacturer's standard ten (10) year warranty against material defects in manufacture including hardware failure of any kind: screws stripping, frames and sashes failing during normal use.

A. Windows: Guaranteed to operate under any normal temperature and humidity condition for Fairbanks, Alaska.

B. Insulated glass: Guaranteed against seal failures causing clouding or fogging of any kind between glass for ten (10) years.

PART 2 - PRODUCTS

2.01 Materials

A. Plastic windows and frames: Extruded, polyvinyl chloride (PVC). Integral color throughout frame. Frame and sash members, multi-chambered design, minimum 2 air spaces between interior and exterior spaces. Frame and sash walls, minimum 1/8-inch thick. Turn/tilt (dual action), casement, or awning or other style per design for project.


2. Glazing bite: Minimum 7/8-inch deep, periphery of insulated glass, refer to Section 08 88 00.

3. Pressure equalization capability: Baffled internal weepage system.

4. Drywall Return/Receiver

PART 3 –EXECUTION (NOT USED)