

PART 1 - GENERAL

1.1 Canadian General Standards Board (CGSB)

- .1 CAN/CGSB-12.12-[M90], Plastic Safety Glazing.
- .2 CGSB 41-GP-6M-[83], Sheets, Thermosetting Polyester Plastics, Glass Fibre Reinforced.
- .3 CAN/CGSB-63.14-[M89], Plastic Skylights.

1.2 Shop Drawings

- .1 Submit shop drawings. Clearly indicate materials and large scale, details for head, jamb and sill, profiles of components, elevations of unit, anchorage details, description of related components, and exposed finishes and fasteners. Establish minimum dimensions for window exiting as per NBC. See Drawings.

1.3 Maintenance Data

- .1 Provide maintenance data for cleaning and maintenance of windows for incorporation into maintenance manual.

1.4 Warranty

- .1 Contractor hereby warrants vinyl windows and sealed double glazing including condensing between lites, against leakage, defects and malfunction under normal usage for five (5) years. Windows, fixed and operating units, to withstand wind and water Infiltration, to CAN3 A440-M05; A-3, B-4, C-4 Standards.
- .2 Provide a written warranty to the Owner indicating that the windows will remain free of leaks and defects for five (5) years as stated in 1.4.1; warranty on hardware for ten (10) years after installation; and warranty against vinyl fading cracking for 20-25 years.

1.5 Handling

- .1 Store windows units in protected area, free of excessive moisture. Protect all units from warping and damage.

PART 2 - PRODUCTS

2.1 SKYLIGHT

- .1 Plastic skylights: to CAN/CGSB-63.14, Type 2 - Double glazed with low E coating, Class C - Rigid vinyl frame.

2.2 SKYLIGHT GLAZING

- .1 Plastic: to CAN/CGSB-12.12
- .2 Glass fibre reinforced polyester: to CGSB 41-GP-6M.
- .3 Dome shape: convex .
- .4 Outer layer: clear
- .5 Inner layer: clear

2.3 CURB FRAME

- .1 Pre-formed metal curb: 100 mm high insulated sandwich construction, insulated with deck flange for attachment.

PART 3 - EXECUTION

3.2 INSTALLATION

- .1 Manufacturer's Instructions: comply with manufacturer's written recommendations, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.
- .2 Install skylights in accordance with CAN/CGSB-63.14 and supplement as follows:
 - .1 Erect components plumb, level and in proper alignment.
 - .2 Ensure continuity of envelope air barrier and vapour retarder systems.
 - .3 Secure preformed curb assembly to structure.
 - .4 Adjust and seal assembly with provision for expansion and contraction of components.
 - .5 Secure and seal frame to curb.

PART 4 – CLEAN-UP

- 4.1 Remove paint splatters, labels, stickers, and other markings from all frames, glass, and hardware.

END OF SECTION