

STERGIS- WINDGATE NEW CONSTRUCTION- Picture Window

Architect's Specifications

General: Manufactured by Stergis Windows and Doors, Attleboro, Ma 02703 508.455.0661 www.stergis.com.

Operating: Sash shall be a fixed unit set in a frame. Sash is reglazable by removing the snap-in glazing bead from the inside.

Materials: All vinyl extrusions shall be rigid 100% virgin uPVC. Main frame profile shall have a nominal wall thickness of .078" and shall have four tubular hollows. On oversized windows, frames shall be reinforced with aluminum.

Frame Construction: Frame profile shall be designed to install as a new construction unit with nailing fin and J channel or be fitted with a one piece head expander and sill angle for replacement installation. Overall frame depth shall be 3 1/4". Main frame corners shall be mitered and fusion welded with a minimum melt off of 5mm for maximum strength and leak resistance. New construction jamb depths can be met using a wood extension jamb to meet the 4 9/16" or 6 9/16" wall.

Glazing: Insulating glass shall have an overall thickness of 3/4" and a minimum 1/2" air space inside dimension. Standard glass shall be single strength 2.5mm and double strength 3.0 domestic type B float glass. Dura Seal Warm Edge glass spacer will be used to form a continuous hermetic seal around the insulated unit to encapsulate the air space. All glass lites will be installed via **CBA and SIGMA standards** in accordance with ASTM E773 and E774. Methods to include proper drainage, oval staggered weep system, and setting blocks with appropriate blocking.

Available Finishes: Shall be solid vinyl throughout in white or almond. Optional woodgrain interior and custom color exterior is optional.

Options: Grids-- Standard, colonial, and diamond aluminum in-glass grids are available. Glazing-- obscure, Low-E, Argon-filled Low-E, tinted, triple glazing, double strength, Activ Self Cleaning glass, and special tempered can be used. Field muller units, oriel windows, transoms and custom shapes are available. A steep slope sill expander can be used when there are sills with drops over 3/4". Flat casing, 2-1/2" Brickmold and 4" Exterior casing are available.

