

# Sovereign's Diagram Details



## PRECISION ENGINEERED FOR MAXIMUM ENERGY SAVINGS AND EASY OPERATION

- 1 Solid vinyl color throughout keeps windows fresh and new looking—won't chip, peel, crack or warp.
- 2 Foam-enhanced sash and main frame provide added insulation.
- 3 Airtight insulating chambers enhance thermal efficiency and structural integrity.
- 4 Multi-layer weatherstripping at the header helps block infiltration of outside elements.
- 5 Insulated glass unit with dead air space provides year-round comfort and energy savings.
- 6 PPG Intercept® Warm-Edge Spacer System saves energy by reducing the conduction of heat at the edge of glass for superior thermal performance and longevity.
- 7 Interlock at sash meeting rails offers increased insulation, comfort and security.
- 8 Steel reinforcement at meeting rails adds strength and allows for secure mounting of hardware.
- 9 Drop-in glazing provides energy efficiency as well as interior aesthetic appeal.
- 10 Compression bulb seal at the sill creates an all-season weather barrier.
- 11 Sloped sill for classic beauty, easy cleaning and prevention of water accumulation.
- 12 Hidden screen track creates a clean-line appearance.

## ADDITIONAL FEATURES

- Fusion-welded sash and main frame for superior strength and rigidity.
- Dual ventilator locks for limited and secure opening of the window for ventilation.
- Full balance covers for reduced air infiltration while adding a finished look to the window frame.
- DuraLift™ block and tackle balance system for smooth operation of sashes.
- Tilt-in top and bottom sashes for safe and easy cleaning from inside the home.
- Triple-barrier fin seal weatherstripping between the sash and jamb helps block out water, air and dirt infiltration.
- Half screens are standard; optional full screens available.