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**NEW SLIDING PATIO DOOR FEATURES DESIGN
ATTRIBUTES NEW TO VINYL INDUSTRY**

**Sunrise Windows Introduces The Most Advanced
Vinyl Replacement Sliding Patio Door To Date**

TEMPERANCE, MI., Oct. 2002 – The desires of over 500 customers and their respective homeowners were the driving factor behind the design of Sunrise Windows' new sliding patio door.

“When we decided to make a patio door, we wanted to do it right the first time and solve the problems many older patio doors have,” said Gary Delman, president of Sunrise Windows. “Not only have we solved several problems, we’ve also introduced some features totally unique to the industry.”

One of those features is SunBlinds – an internal system of mini-blinds sealed between the insulated glass unit – one of the most asked-for options that will be available on all doors. These blinds go up and down as well as tilt, not only saving homeowners the hassle of dusting or protecting the blinds from damage that externally-mounted blinds are prone to, but also providing an awesome look!

The heavy-duty aluminum screen is top-hung, so it rolls very easily since all the weight is supported from the top and there is no drag from any debris that may accumulate on the sill. The screen also features a true positive lock, simply operated by a thumb turn that engages into a recessed latch.

Strength and energy efficiency were also a concern. Sunrise addressed air infiltration problems by designing Quad4+Plus weather-stripping – two compression foam seals at the jamb pocket – to give the pocket four effective seals, or double the industry standard. Four weather seals at the interlock are also used to actually go over the top of the sash for the most protection ever at the meeting rail. The sashes themselves were designed with an innovative I-beam reinforcement made of energy-efficient fiberglass, and injected with polyurethane in the sash and main frame for a lower overall u-factor. Since 85-90% of the door is glass, Sunrise uses an extremely high-performance glass – their own exclusive SunSafe+Plus Ultra – which is tempered for added safety.

Beauty was not left out of Sunrise's plans, either. The exterior of the door features its patented double-coved look, giving the door a traditional appearance and added strength. For more of the traditional appeal, the sash interiors are distinguished by a coved and contoured mitered glazing bead. Even the screen frame is contoured for added styling. Forever Finish Brass hardware is standard for each door, but the stylish handles are also available in 5 other finishes: antique brass, oil-rubbed bronze, chrome, brushed chrome, and white. A wide variety of grid and V-groove options also exist for further customization.

The door is available in standard 5', 6', 8', 9' and 12' sizes, as well as custom sizes, and is available in three interior woodgrain finishes as well as 4 different exterior colors.

Sunrise Windows, Ltd., offers a very extensive line of high quality windows. The 2-time Crystal Achievement Award winning vinyl window company manufactures double and single hungs, horizontal and tilt-in sliders, bows and bays, casements, garden windows, basement hoppers, and sliding patio doors in a variety of colors, including woodgrains, and other options.