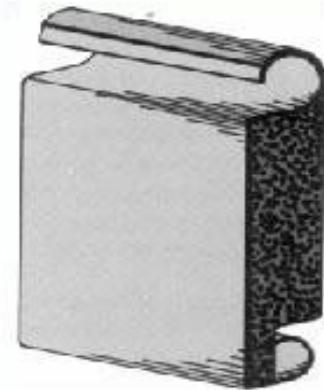




# Thermal Guard Insulated

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When an application requires weather protection the R&S "Thermal Guard" steel rolling service door is the right choice. Constructed using laid-in-place polyurethane insulation the curtain is an effective barrier against the elements. Rain, dust and wind are kept at bay by vinyl weatherstripping at the footpiece, guides and hood. Designed for sizes up to 30' wide and 28' high with a minimum 22 gauge exterior slat and a 24 gauge back slat these doors are constructed to stand against the elements.

## "Thermal Guard" Insulated Service Door Specifications:

Service doors are designed to withstand a minimum 20 PSF windload. Service doors are designed to operate a minimum of 20,000 cycles. Interior or exterior face of wall or between-jamb mounting. Chain hoist is standard. Awning crank, crank box or motor operation are optional. Interlocking type 25 flat slats are roll formed from galvanized steel coil. 22 gauge slat (18 or 20 gauge optional) is based on size of opening as required to meet windload. Polyurethane foam, 3/4" thick, is laid in place for complete coverage and concealed by a 24 gauge back slat (22 gauge back slat optional). Endlocks are riveted to slats to maintain curtain alignment. Windlocks are riveted to slats when required to meet windload. Bottom of curtain is reinforced by an extruded aluminum or double steel angle footpiece with astragal. Structural steel angles form curtain guides and are bolted to structural steel wall angles. Sizes of guides are as required to retain curtain under windload. Windlock bars are provided when windlocks are required to meet windload. Vinyl guide weatherstripping against the flat-faced side of the slats is standard (wool pile, brush, or weatherstripping on both sides of the curtain are optional). Steel plate brackets are bolted to wall angles to support curtain and barrel and provide mounting for hood. Minimum 6" diameter steel pipe houses torsion spring assembly and supports curtain with a maximum deflection of .03 inch per foot of width. Torsion springs are mounted on a continuous cold rolled steel shaft, adjustable by a tension wheel outside one bracket. Formed from minimum 24 gauge galvanized steel sheet, reinforced with top and bottom flanges to limit deflection. Internal vinyl hood baffle is standard. Intermediate support is provided when required.

*Rolling Door Products (rsdrprod.com)*

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