



Original Custom Pella® Rolscreen® Window Screen Specifications

DELUXE ROLSCREENS

SHORT SPECIFICATIONS

All screens called for in the accompanying plans or drawings shall be Deluxe Pella Rolscreens manufactured by Rolscreen Company of Pella, Iowa. All material shall be of highest quality, fabricated and assembled to the highest degree of accuracy and workmanship, according to the manufacturer's detailed specifications.

DETAILED SPECIFICATIONS

METAL — Housing, guides and operator bar shall be constructed of heavy, rust-resisting metal.

WIRE CLOTH — Screen wire shall be 16-mesh, rust-resisting "AluminA" with triple selvage. The screen cloth shall have lugs spaced at regular intervals along the two edges which shall be engaged by the tubular guides.

METAL HOUSING AND ROLLER ASSEMBLY — The screen cloth shall be attached to a steel ball bearing roller encasing a heavy, thoroughly-lubricated, oil-tempered spring. The roller shall be contained in a metal housing 2 $\frac{3}{8}$ " square (2 $\frac{1}{8}$ " and 2 $\frac{7}{8}$ " square are special). Roller mounting shall be floating type which allows roller to automatically move forward as size of screen roll reduces.

SPRING TENSION ADJUSTMENT — Worm gear adjustment shall be provided for increasing or decreasing spring tension without removing the screen housing.

GUIDES — The jamb guides shall be so mounted that they are slidably adjustable when the screen is raised or lowered to compensate for any expansion or contraction in the window frame. The guides shall be provided with lips at their upper ends inserted into slots in the roller housing with the beaded portion cut away adjoining the housing to allow the screen wire to re-enter the housing when accidentally knocked out of the guides.

SPRING CATCHES — Spring catches shall be attached to each end of operator bar carefully adjusted to automatically lock the operator bar at the sill.

OPERATOR BAR — Shall be deluxe type, heavy duty, with Vinyl-plastic contact strip.

INSTALLATION — Rolscreens shall be accurately installed in strict accordance with the manufacturer's erection details. Guides shall be so mounted that the beaded portions and outside edges of guides shall not be in contact with window jambs. Screen shall operate freely and easily.

NOTE — Following items cover different types of installation. Use the paragraph that covers the type of installation planned.

WOOD JAMB STOPS — The wood stops to which the screen guides are fastened, and which support the roller housing, shall be furnished and installed with stop screws and washers by others, ready for the screen installation.

NOTE — Provide tapered groove $\frac{3}{8}$ " wide and $\frac{3}{4}$ " long in top of stop for Pella Rolscreen tension adjustment wrench. Right side for normal construction, left side for reverse construction.

DIRECT APPLICATION TO METAL SASH — Rolscreen guides and housing shall be mounted directly to the face of metal sash. Guide leg shall be notched out to clear sash lock. Cap welded to top of guide leg shall support Rolscreen housing. Rolscreen when lowered shall cover daylight opening created by open sash. Installation accomplished with self-tapping screws.

FRICTION ANGLES — Friction angles shall be mounted on the jambs of windows as detailed and shall be set true and plumb. They shall receive and hold in position the Rolscreen housing and guides.

SEMI-DELUXE ROLSCREENS

With the exception of the Spring Tension Adjustment and Ball Bearing Roller, Semi-Deluxe Rolscreen specifications are the same as for Deluxe Rolscreens.

All specifications subject to change without notice.