



WESTERN POWER PRODUCTS



# Pedestals

Designers and Manufacturers of Rustguard Enclosures, Primary Sectionalizing Cabinets, Secondary Pedestals and Pole Line Hardware

## Powerglass® Secondary Pedestals

## K-SEC 311

Electrical Apparatus

### DESCRIPTION

#### Applications

Western Power Products offers Powerglass® enclosures for freedom from rust and corrosion in any environment.

No maintenance. Complete absence of ferrous material means every Powerglass enclosure is totally rust free, impervious to attack under any environmental conditions unaffected by fertilizer spray, salt air, or chemicals. Standard Willow Green finish blends easily with its surroundings. Ultraviolet rays do not affect the structural integrity of the enclosure. UV stabilized gelcoat provides a lifetime finish.

Durable. Powerglass resistance to impact reduces costs resulting from repair or replacement of dented or damaged enclosures. The aesthetically pleasing unit keeps its appearance year after year.

Safety first. Impact resistance means intrusion resistance. Unauthorized entry into enclosures is obstructed by specially designed door and vent openings. Non-conductive characteristics of fiberglass further reduce accident potential on the outside from problems within.

Fire retardant. Powerglass will not support combustion.

Easy to install. The lightweight, one-piece design permits easy installation. No field assembly required.

Durable, long-lasting Powerglass Pedestals are used for utility secondary connection applications.

Design flexibility ensures sizes to accommodate all manufacturers' secondary pedestal connection systems. Special sizes, modifications and colors available upon request.

Secondary connections are positioned above grade to eliminate problems from equipment being submerged.

Remove the lightweight top, and gain unobstructed, 360° access to the connector systems inside.



Figure 1.  
SF101030WD, SF101530WD AND SF101530WD0S



Figure 2.  
Unobstructed access to the connector systems

### SPECIFICATIONS

#### Scope

This specification is intended to identify and set minimum standards for these qualities of material and workmanship needed in reinforced plastic laminates for extended exterior service. Conforms to REA requirements.

#### Raw Material

A. Resins - Resins shall be thermosetting, medium reactivity, rigid fire resistant polyester containing a maximum monomer content of 42% and a maximum of 1% Thixotropic additive.

B. Glass Fiber - Glass fiber reinforcement shall be K filament type E Borosilicate glass having high performance chrome-complex or silane finish compatible with polyester resin.

C. Gelcoat - Exterior surface coating shall be ultraviolet light stabilized, weather resistant, polyester base containing fade resistant color pigments, and such inert extenders as are appropriate to maintain total pigment volume concentration less than 20%.

D. Interior Coating - Interior laminate coating when required shall be a pigmented heat resistant high gloss polyester base surfacing sealer.

E. Other materials - Organic peroxide catalysts and promoters appropriate to the resin type shall be used as necessary to provide thorough cure.

# Powerglass® Secondary Pedestals

## Standards

A. Structural Standards - Minimum structural standards of the finished laminate shall be as follows:

Tensile Strength; ASTM D-638	8,180
Flexural Properties; ASTM-D790	6,040
Tangent Modules of Elasticity	407.3
Compressive Strength; ASTM D-695	19,350
Water Absorption; ASTM D570-59aT	5%
Charpy Impact Test; ASTM D-256	3.0
Impact Resistance; ASTM D-244	37.5
Flammability Tests; ASTM D-635	Self Extinguishing
Ultraviolet Protection	Nominal .014" Gelcoat

B. Visual Standards - Visual standards of the finished laminate shall conform to Table 5 - Visual Acceptance Criteria - ASTM C-582.

## Construction

A. Construction details and overall dimensions shall be in accordance with the drawings.

B. All exterior gelcoat shall be applied to produce a cured film of .014" plus or minus 0.005" in thickness. Distribution of glass reinforcement shall be uniform except that in areas of stress concentration where local reinforcement shall be required.

C. All sections shall be molded in one piece. No sectional parts may be bolted, cemented or riveted

D. Locking provisions shall result in snug fit of top to bottom, with means provided for padlock and penta bolt. All locking hardware shall be constructed of 304 stainless steel and/or ABD bronze casting. Anchor stakes, where specified, shall be galvanized steel.

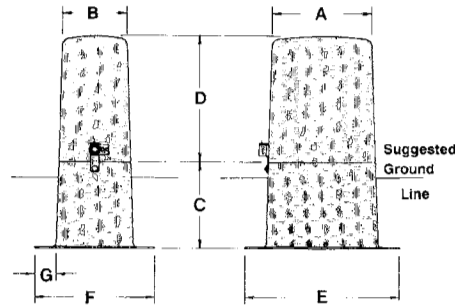


Figure 3.  
Dimensions.

TABLE 1  
Dimensional Data

Dimensions (inches)									
Part Number	Old Catalog Number	A	B	C	D	E	F	G	WT
SF101030WD0S <sup>a</sup>	SPM9	9-1/2	9-1/2	12	18	10-1/2	10-1/2	(b)	16
SF101030WD00	SPM90	9-1/2	9-1/2	12	18	16-1/2	16-1/2	3	18
SF101036WD00	SPM91	9-1/2	9-1/2	18	18	16-1/2	16-1/2	3	21
SF101530WD0S <sup>a</sup>	SPM14	14-1/2	9-1/2	12	18	15-1/2	10-1/2	(b)	17
SF101530WD00	SPM140	14-1/2	9-1/2	12	18	19-1/2	14-1/2	2	19
SF101536WD00	SPM145	14-1/2	9-1/2	18	18	20-1/2	15-1/2	2	22
SF151530WD00	SPM150	15	15	12	18	20	20	3	24
SF151536WD00	SPM155	15	15	18	18	21	21	3	25
SF121954WD00	SPM190	18-1/2	12	30	24	27	21	2	29

<sup>(a)</sup> These pedestals include a 48" galvanized steel anchor stake.

<sup>(b)</sup> Base on these pedestals with anchor stakes does not have anchor flange at base.

## Secondary Pedestal Catalog Logic

Item 1	2	3,4	5,6	7,8	9	10	11	12
Secondary Pedestal	Material	Length	Width	Depth	Colors	Lock	Options	Options
S (Secondary Pedestal)	F (Fiberglass)	10	10	30	A (Safety Orange)	A (Standard Lock (non-electrical applications))	0 (None)	0 (None)
	P (Plastic)	10	10	36	B (Brownstone)		H (High Back)	H (Cable Access Holes)
	R (RTM Vacuum Molded)	10	15	30	D (Desert Tan)	D (DF3- Penta-bolt, padlock, dead-front applications)		S (Stake)
		10	15	36	E (Earth Brown)	E (DF4- Hex-bolt, padlock, dead-front applications)		
		12	19	54	M (Munsell Green)			
		15	15	30	W (Willow Green)			
		15	15	36				