

STRONGWELL

APPLICATION PROFILE



FIBERGLASS BUSS BAR COVER PROTECTS VISITORS TO DISNEY WORLD

A buss bar cover manufactured by Strongwell encloses more than one mile of electrically operated monorail as a safety device to protect visitors at Disney World in Orlando, Florida. The fiberglass enclosures are used to cover monorail buss bars that run over parking areas, roadways, and wherever buss bars pass through passenger stations.

To assure the safety of the huge number of visitors to the Magic Kingdom and Epcot, the contractors and engineers at Morrison-Knudsen/American Bridge and Wheeler and Gray Engineers, sought a buss bar cover that would feature low conductivity, fire retardant and high strength. The strength of the pultruded cover was proven in an incident after installation when high winds bent aluminum braces that held cover sections in place but left the pultruded fiberglass cover undamaged.

Each fiberglass cover section, which is manufactured in pieces 12.5' long x 8" wide and 1/8" thick, has a slightly curved 105° angle shape with a 3/8" solid bulb shape along the top for added rigidity.

TECHNICAL DATA

Product:	Fiberglass Buss Bar Cover
Process:	Pultrusion
Materials:	Continuous glass strand mat, glass rovings, polyester resin, fire retardant, synthetic surfacing veil
Size:	12.5' x 8" wide x 1/8" thick sections
For:	IMCO Reinforced Plastics
User:	Disney World



STRONGWELL
Bristol Division
400 Commonwealth Avenue
Bristol, VA 24201-3820 USA
(276) 645-8000, FAX (276) 645-8132
www.strongwell.com