

STRONGWELL

APPLICATION PROFILE



FRP THE “CLEAR” CHOICE FOR PLATFORMS USED IN TESTING OF RADAR EQUIPMENT

A pair of platforms constructed using Strongwell’s FRP products is being used by the U.S. Army to help test the radar systems of its helicopters, troop transports and tanks.

The 26’ platforms are located at Fort Huachaca in Arizona. The platforms are replacements for wooden towers that had rapidly deteriorated in the hot, dry Arizona climate.

Because the platforms are used in the testing of radar systems, they had to be constructed with materials that are transparent to radio frequencies. Strongwell’s FRP products provided the ideal material solution because they not only offer the RF transparency required, but the durable materials will withstand the extreme climate with ease and are strong enough to support a heavy equipment load.

The modular platforms, which were designed and erected by T.A. Caid, of Tucson, Arizona, feature EXTREN® wide flange beams and 6” x 6” angles, FIBREBOLT® studs and nuts, and SAFRAIL™ handrail around the top perimeter of the platform.

TECHNICAL DATA

Product:	FRP Platforms
Process:	Pultrusion
Materials:	SAFRAIL™ fiberglass reinforced polyester handrail and ladders EXTREN® Series 525 fiberglass reinforced polyester, fire retardant FIBREBOLT® studs and nuts
Sizes:	EXTREN® structural shapes: 12" x 6" I-beam 8" x 8" Wide flange beam 6" x 6" Angle
For:	Fort Huachaca, Arizona

STRONGWELL



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