

WORLD FENCE NEWS

NEWS FROM THE WORLD OF FENCING, ACCESS CONTROL AND SECURITY

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Fall River Mills Airport, located in Fall River Mills, Calif. in scenic Shasta County, northeast of Redding, was built in the 1940s, primarily as a location to train pilots for World War II. After the war it was used for general aviation, including agricultural aerial applicator aircraft, and was perfectly adequate for the needs of that northern California community for

Durability, appearance convince team to choose chain link woven from Galfan coated wire for airport perimeter fence

many years. However, as the area prospered and multi-million dollar residences and a championship golf course were developed, the growth put

a strain on the ability of the county-owned airport to handle increased traffic and larger planes.

So in 2007, Fall River Mills Airport (airport identifier O89) received federal funding for a major expansion up to Federal Aviation Administration Airport Reference Code (ARC) B-II.

To meet this standard, its runway (02/20) was extended from 1,400 feet to 5,000 feet, allowing heavier planes to take off and land, and a new parallel taxiway was constructed.

With the addition of permanent and temporary hangars, re-fueling facilities and other fixed base operation (FBO) amenities, the overall size of the facility more than doubled to nearly 200 acres. Obviously, as part of the expansion, additional fencing was required. The general contractor, Mey-

ers Earthworks, turned to a team of fencing professionals to provide a perimeter fence that would be very durable and maintain its appearance over an extended lifespan.

Twenty three thousand lineal feet of 2-9 BK Galfan® coated chain link fence (9 gage, 2" mesh, 6' high) and 6,600 lineal feet of 2-11 BK Galfan fence (11 gage, 2" mesh, 6' high) were installed, along with a corresponding amount of Galfan coated marcelled tension wire. Dale Carter of Dale Carter Fencing, Redding, Calif., was the fence contractor, and the chain link for the job was woven by Alturas Fence of McClellan, Calif., which is operated by Jose Pulido and Nikki Voyiatzes. The wire was provided by Davis Wire Corp.

The choice of Galfan was a team decision, with members pushing for a product that would resist corrosion for many years under the tough northern California weather conditions.

In 2007 Davis Wire Corporation, headquartered in Kent, Wash., intro-

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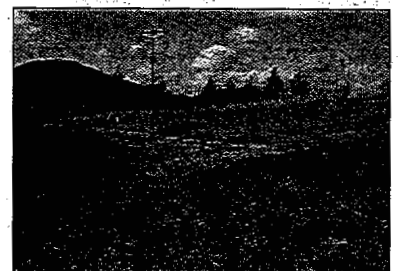
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Seeking a fence that would provide a long lifespan and maintain its appearance, a team of fence professionals chose Galfan-coated chain link for the Fall River Mills Airport expansion. Shown above and at right are two stretches of the fenceline.
(Photos courtesy Davis Wire Corp.)

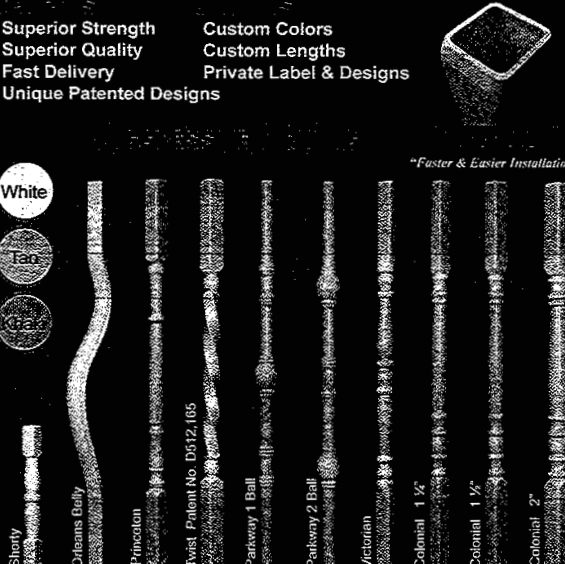


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duced its line of Galfan coated wire for use in weaving chain link fabric and many other products.

Galfan wire is produced with a finish comprised of 95% zinc/5% aluminum mischmetal alloy which is metallurgically bonded to the steel core wire. Galfan is not a new technology, however. It was developed in 1979 and has been used commercially since 1983.

According to the manufacturer, it offers superior durability, flexibility, and life expectancy compared to conventional galvanized wire.

Both Carter and Pulido are fans of the Galfan product. Carter said the fabric, especially the 11 gauge, installs easily and requires little maintenance over its lifespan.

From a manufacturing aspect, veteran wire weaver Pulido said the wire

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Fall River Mills Airport
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is easy to weave, and the Galfan finish allows the cut ends of the selvage to "heal over," further resisting corrosion.

According to Mike Carroll, sales manager for Davis Wire, "Galfan allows the end user to achieve two enviable goals at the same time, by providing longer corrosion life and a lower cost per year of service life.

"Galfan maintains a like-new appearance until the end of its lifespan. Galfan is a thinner finish, which cuts raw material costs, and its extreme durability extends the corrosion life of the wire by increasing its years of functional service."

According to Carroll, Galfan meets ASTM International standard A817, *Standard Specification for Metallic-Coated Steel Wire for Chain-Link Fence Fabric and Marcellled Tension Wire* and standard F1345, *Standard Specification for Zinc-5% Aluminum-Mischmetal Alloy-Coated Steel Chain-Link Fence Fabric*.

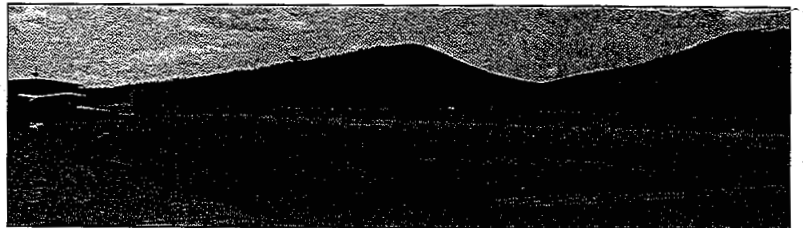
schools, and residential installations, Carroll said.

He added that salt spray tests reveal that 1.0 oz./sq. ft. Galfan is superior to 2.0 oz./sq. ft. galvanized after weaving (GAW) chain link and 1.20 oz./sq. ft. galvanized before weaving (GBW) chain link.

With the addition of permanent and temporary hangars, re-fueling facilities and other amenities, the overall size of the facility more than doubled to nearly 200 acres. Obviously, as part of the expansion, additional fencing was required.

Davis Wire Corporation, established in 1927, is one of the few licensees to meet the strict international standards of performance specified by the International Lead Zinc Research Organization (ILZRO).

ILZRO is a Durham, N.C.-based non-profit research management or-



ganization that has been overseeing research and technology worldwide on behalf of the lead and zinc industries since 1958, Carroll added.

For more information on the companies mentioned here, contact:

- Davis Wire Corporation, 800-879-8920, fax 253-395-3729, web site www.daviswire.com.

- Dale Carter Fencing, 530-549-5141.

- Alturas Fence Co., 916-568-7244.

Galfan coated chain link can be used for highways, airports, and prisons, and because of its smooth finish it is especially suited for parks,

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