

Beat: Business

## **FIRESTA-Fiser, Road bridges-Railway bridges**

### **Road bridges-Railway bridges**

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**WOPAG - FIRESTA** - We process the basic material groups: 1.1, 1.2, 1.3, 1.4, 3.2 and 8. We use the following welding processes to this end: 111, 121, 135, 141 and 783. The company has the necessary valid permits for these activities. This especially involves certification according to the following standards: EN 1090-1,2 (implementing class EXC4), and others.

Thanks to the wide range of technologies which we have available, we are able to realise both simple and demanding orders ranging from tens to thousands of tons. Welding expertise is guaranteed by our employees with the appropriate qualifications: welders qualified according to the EN 287 standard, 2 salary workers with IWE qualifications and 2 workers with IWT qualifications, one corrosion engineer.

Anticorrosion protection is applied to the produced components at the production facility after their receipt in an untreated state. The application is realised in our painting and blasting box. It consists of two booths.

One booth (6x6x36m) is equipped with steel abrasive blasting technology (the blasting of the surface up to the Sa 3 level of cleanliness and the Bn10a level of coarseness)

The application of paint coatings is made in the second booth (6x6x36 m). During poor weather conditions, the paint booth also enables the temperature control or drying of paint coatings. We use paint coatings supplied by renowned producers (synthetic, epoxide, polyurethane and alkyd). The blasting and painting box is equipped with activated charcoal technology which limits the leakage of hazardous substances into the atmosphere. The main activities also include the possibility of application of paint coatings at the point of assembly.

The blasting and painting box can handle pieces weighing up to 63 tons. Expert qualified painters and technicians (a corrosion technologist and technician) ensure the application of high quality anticorrosive protection.

#### Road bridges

Most of the construction orders, new buildings and reconstructions are realized separately by our own capacities. Complete delivery is ensured by specialized centers of the company Firesta

#### Railway bridges

We provide repair, reconstruction and new construction of railway bridges, culverts and subways. Furthermore, repair and reconstruction of tunnels. We provide our work comprehensively with our own capacities, including waterproofing, remediation, steel construction, special foundation, handling of structures and bridge temporary work and, last but not least, work on the superstructure.

#### FOREIGN REFERENCES

#### **Article online:**

<https://www.uspa24.com/bericht-15653/firesta-fiser-road-bridges-railway-bridges.html>

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