

Beschichtungen für On- und Offshore:

Offshore Monobuoy in Gibraltar/Spain

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Excellent salt water resistance

The refinery „Gibraltar-San Roque“ of the Spanish company CEPSA was built in Algeciras in 1965. Together with two other company-owned refineries 20 million tons crude oil are processed per year.

Loading and unloading of tanker with crude oil and oil products is maintained by a special offshore buoy with diameter of 25 meters. The steel body of this Monobuoy is 5 meters high and equipped with a pendant and strong cross beams. A flexible pipeline system transports the fluids to the refinery.



For the choice of the optimal coating system to protect the steel construction CEPSA required high performance salt water resistance. Beside extreme shock resistance and outstanding chemical resistance a major property of our top-quality product **Ceramic-polymer SF/LF**, attested with remarkable results by extensive tests of independent institutes.

Ceramic-Polymer SF/LF is available in all RAL-Colors; therefore individual esthetic requirements can be satisfied additionally to superior corrosion protection.

Extension of the lock "Kaiserschleuse" – Europe's biggest building project

Extreme abrasion resistance

In 1897 the historical lock "Kaiserschleuse" opened in Bremerhaven/Germany after four years of construction. At that time it was by far the largest lock of the world.

Since 2007 the "Kaiserschleuse" is extended, the completion is planned this year. With a passage of 305 meters length and 55 meters width it will meet the demands of the biggest car-ferries and RoRo-ships.



For coating the huge lock gates our versatile product **Ceramic-Polymer SF/LF** was selected. In the high flow rate area there is an intensified occurrence of abrasion, also presence of accelerate risk of corrosion due to the increased oxygen content of the lock water. High class corrosion protection and extreme abrasion resistance of **Ceramic-Polymer SF/LF** guarantee the long life-cycle of the gates.

We appreciate to answer your technical questions and provide you the ultimate coating solution for all projects concerning tanks and steel constructions!