

Petrol PLAZA

Montpellier port replace corroding metal pipes with KPS corrosion-resistant HDPE piping to prevent fuel permeation



The managing authority of Sète Port in the south of France chose KPS HDPE conductive pipe to replace their previously installed steel pipe system for their fuelling network. A replacement was needed to prevent the steel pipes from corroding and fuel permeation into the environment, which would damage wildlife and be costly to clean up.

Click through the images in the carousel to see the details of the project:





Problem

Sète Port began work on their fuelling network to replace their previously installed steel piping system. Over time, the proximity of the pipes to the salty sea environment had caused them to become rusty and corrode, which posed a risk of fuel permeation and leaks into the environment, which is especially important to avoid in ports and marinas due to the volume of fuel being used and the proximity to the sea/ocean.

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Solution

Key features of KPS piping for this project:

- Completely un-reactive to saltwater, eliminating the risk of deterioration/corrosion from constant exposure.
- Conductive KPS piping is electrostatically safe, preventing potential static build-up and ensuring

safe grounding in the event of sparks.

- Engineered for quick and easy installation, KPS double wall electrofusion fittings are compact and weld both pipe walls simultaneously.
- KPS 4" piping allows a flow rate of 933 litre/minute enabling fast fuel delivery.
- On-site training is available to familiarise installers with KPS easy install piping and electrofusion welding system.

KPS piping is engineered for quick and easy installation. KPS double wall electrofusion fittings weld both pipe walls simultaneously. All of this, along with the professional training program with which KPS certifies each installer, makes KPS an ideal choice for port, marina, and harbour projects.

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Results

Sète Port now has a reliable zero permeation piping system which will continue to perform years to come.



Visit the KPS website for more case studies

Contact information



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