

# CLOV



**Total's CLOV FPSO, named after the crude oil fields Cravo, Lirio, Orquidea and Violeta, has sailed to West Angola, from Daewoo Shipbuilding and Marine Engineering (DSME) in Korea. The FPSO, 305 meters in length (1,000ft), 61 meters (200ft) in width and weighing 110,000,000kg (110,000 tonnes), is able to produce 160,000 barrels of crude oil per day and has storage capacity of up to 1.7 million barrels.**

AkzoNobel's International® protective coatings have a strong and unrivalled track record in offshore projects, which includes the world's largest Floating Production Storage Offloading (FPSO) vessel, Pazflor, also from Total. After successful completion, Total once again selected AkzoNobel, with its International® coatings, as the most qualified supplier to meet all of the technical and practical requirements for the CLOV project. **"We've worked with AkzoNobel and its International® coatings for many years and knew they would be able to deliver upon our requirements for coatings for the world's largest FPSO"** said I.A.Kim, General Manager of Coating Design Group for Offshore and Marine Division at DSME.

To protect this gigantic FPSO, Total has chosen a number of International® protective coatings, including Interzinc®, Intergard® and Interthane® for the topside module structures, while Intershield® 300 was selected to provide long term barrier protection to the ballast tanks and crude oil tanks. The International® Intershield 300 coating provides unique abrasion resistance with an aluminum content >9%. It has an extensive track record

in the industry in asset protection to offshore structures including fixed platforms, semi-submersibles, drill ships, as well as on FPSOs, making it the ideal coating for the CLOV FPSO.

In addition to Intershield 300 and other International® coating products, 640,000kg (640 tonnes) of their Chartek® 7 passive fire protection was selected. Chartek 7 is known in the industry for being one of the most dependable intumescent epoxy passive fire protection solutions for over 40 years and was applied to the CLOV FPSO to ensure maximum protection in the event of fire.

**"Being the largest FPSO in the world, it was very important that the CLOV FPSO was coated with the highest quality coatings and passive fire protection"** said AkzoNobel's Protective Coatings Oil and Gas Sales Manager, Korea. **"It is our pleasure to be involved in such a prestigious project"**.

