

Ecolock

Lifetime protection for offshore units



Benefits:

- Permanent protection against corrosion
- Stays in excellent condition for 25 years without repair or replacement
- Suitable for all offshore related vessels
- Easy and flexible coating application
- Can be cleaned underwater to meet UWILD and weight requirements
- Completely non-toxic

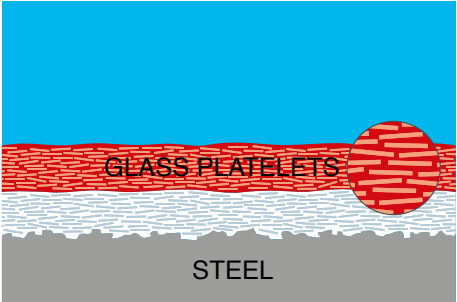
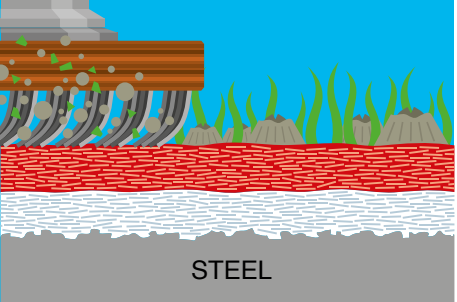

Ecolock is an extremely tough and durable coating designed to remain in excellent condition on offshore vessels for 25 years without drydocking, repair or replacement.

Ecolock can be cleaned underwater as often as needed to meet the UWILD and weight requirements of FPSOs, drill ships and other offshore units.

Offshore units such as FPSOs, FSOs, FLRSUs and others used for offshore oil and gas exploration, drilling, storage and transport need to stay out of drydock for 15, 25 or even 40 years.

The challenge has been to protect the underwater hull from corrosion and to provide a cleanable surface so that the biofouling that accumulates can be removed successfully and safely. This is important for UWILD and to reduce weight. Ecolock is the answer to that challenge.

Ultimate Protection

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|  <p>GLASS PLATELETS</p> <p>STEEL</p> |  <p>STEEL</p> |  <p>Stays on for 25 YEARS</p> <p>STEEL</p> |
| <p>Two identical layers applied on the prepared surface make an impermeable barrier.</p> | <p>All types of marine fouling can be removed completely.</p> | <p>Cleaning leaves no trace and restores the coating to its original condition.</p> |



Ecolock was applied on a newbuild Floating Storage and Regastification Unit (FSRU) in China. This was the second project carried out for EXMAR NV, after the application on the Caribbean FLNG in 2013. The main reason for choosing Ecolock was to protect the underwater hull from corrosion for at least 15 years without having to drydock. Another key factor in choosing the hull coating system was the need for a clean, environmentally safe hull to facilitate the required class inspections.



The two floaters of the semi-submersible mobile spacecraft launch platform Odyssey were coated with Ecolock. The vessel was converted from a mobile drilling rig in 1997 and is used for equatorial Pacific Ocean satellite launches. It is stationed in the Port of Long Beach, California. In total 8500 m² were coated to give these parts of the vessel that are permanently underwater a lasting protection against corrosion damage.

