

# Baltoflake

Baltoflake removes the requirement for offshore wind developers to undertake expensive repairs or replacement due to corrosion. By reducing overall maintenance costs and downtime, we can empower operators to focus their efforts on clean energy generation.



# Master the forces of nature

Long lasting steel protection  
in the harshest conditions



# Baltoflake

# Enabling the future of energy

With close to 100 years' experience protecting assets in the harshest conditions, Jotun is uniquely positioned to offer products and solutions enabling our customers to venture into new areas such as offshore wind.

Many of our products carry LCA documentation and can impact the sustainability of renewable energy projects through long lasting performance, saving cost and emissions.

## Proven lifetime in extreme offshore environments

Baltoflake was first applied on installations at the Norwegian continental shelf in the 1970s. A piece of steel from one of the early platforms, coated with Baltoflake, was recently recovered and inspected.

The clear conclusion from DNV is that Baltoflake was still in excellent condition, even after more than 30 years of maintenance free service in the harsh splash zone.

Baltoflake continues to provide long lasting corrosion protection for wind tower splash zones – proven to be completely maintenance free.

## Maintenance free steel protection beyond 30 years



### Maintenance free

Proven corrosion protection beyond 30 years



### High performing

Protect steel in the splash zone for the lifetime of the asset



### Fast curing

Cut production time by up to 90%



### Cost effective

Reduce lifecycle costs by up to 50%



### Low VOC content

Reduce VOC emissions by up to 97%



### Highly durable

Glass flake reinforced polyester technology for immense strength

*Due to better properties and longer life span, the new coating will also reduce the total life cycle costs of the offshore platform operator significantly. Baltoflake (Ecolife) will have a functional lifetime of at least 25 years, with a reduction in lifecycle costs for maintenance operations of 30-50 % for an average platform.*

(1995, LCCA by Ostfold Research foundation, Collaboration between Jotun and Statoil)