



JOTUN

Baltoflake

*Exceptional lifetime
in the most extreme exposures*



Exceptional lifetime in extreme environments



Proven
in extreme
environments



Baltoflake stands up to the most hostile environments in the world – from the rough weather in the North Sea, to the heat of Africa's driest desert, to the extreme humidity of South East Asia.

Baltoflake has proved its success in the protection of offshore installations, pipelines, jetties and iconic buildings where maintenance is difficult and expensive.

The application of Baltoflake on a new structure or object will provide exceptional protection throughout its life.

Exceptional lifetime
Minimum
maintenance



Baltoflake has a lifetime expectancy of more than 30 years – the longer the lifetime of a coating the greater the potential for savings.

There are examples of structures protected with Baltoflake over three decades ago which have not required any maintenance since the date of application.

Baltoflake's unrivalled track record of extended maintenance-free protection provides security and economy – truly a 'paint it/forget it' cost effective solution over the design life of the project.

Outstanding
performance in
exposed areas



Baltoflake is highly suitable for a wide range of areas with high demands for coating life-time and durability, such as:

- Splash zones
- Jackets
- Underside of platform decks
- Jetties
- Pilings
- Offshore wind transition pieces
- Decks and walkways
- Helidecks
- Exposed structural steel on buildings

Baltoflake

The fastest curing anticorrosive system



Pampa Melchorita
Gas Export Pier and Jetty, Peru LNG

Baltoflake is simple and easy to apply by standard or 2 component spray. It can be applied up to 1500 microns in a single coat and it cures quickly. Application of a full protection system can be completed in a single day and the area coated can be used within a few hours.

Baltoflake is Jotun's fastest curing anticorrosive system – cured in a few hours. This makes it ideal for tidal zones and for production lines where objects coated for extreme exposure require early handling.

FLEXIBLE SOLUTIONS TO FIT YOUR NEEDS

• Fast curing

All Baltoflake products are dry to re-coat in only a couple of hours – across the whole temperature range. Production line flow can be improved as objects can be moved and stacked after only a short time. Baltoflake is especially well suited for application where speed of curing is crucial.

• Easy application

Baltoflake products are easy to apply with standard airless spray equipment. Utilising 2-component spray units gives an even better work flow. The Baltoflake range includes products suitable for application at temperatures down to +5°C and up to 45°C.



SEE FOR YOURSELF

See for yourself – view the 'Baltoflake video' on your laptop or digital device. Use the QR code here or visit jotun.com



Baltoflake

Extreme lifetime provided by glass reinforced polyester



Glass flakes – graphical representation only

Baltoflake combines the strength of specially formulated polyesters with a unique glass flake reinforcement. This virtually impermeable barrier of glass flakes blocks the passage of moisture and oxygen. With its immense strength Baltoflake provides outstanding resistance to abrasion and water combined with good chemical resistance – making it ideal for industrial and offshore structures – for all exposed steelwork from splash zone to helicopter deck.

Glassflakes

The specially designed glassflakes within Baltoflake coatings are only microns thick. These glass flakes are made of C-Glass which is highly chemically resistant and inert.

The thin special glass flakes are immensely strong – being both rigid and tensile.

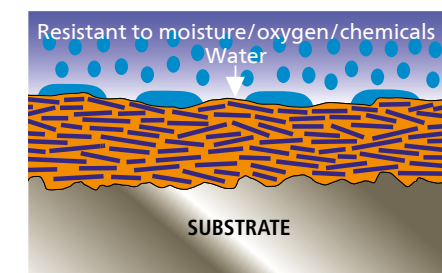
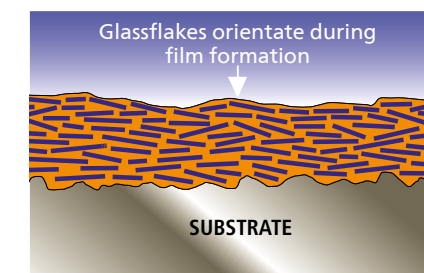
In addition to the reinforcement, the glass flakes also contribute to the impermeability of the coating film.

Polyester coating

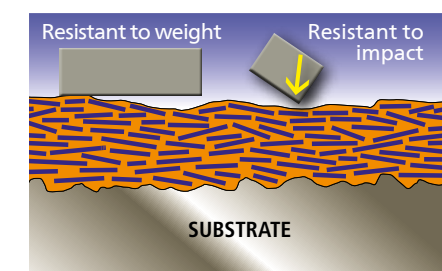
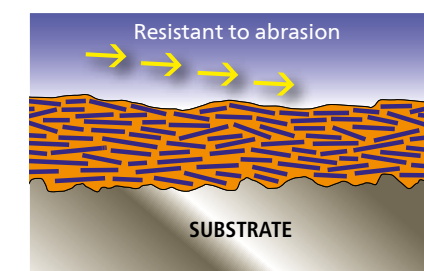
Polyesters provide extremely high build systems – and they cure very fast.

Unlike solvent free epoxies, polyester coatings are dry to handle in only a couple of hours and cure in just a few days. Their low VOCs give a beneficial environmental profile.

The special combination of the glass flakes and polyester is what makes Baltoflake extremely corrosion resistant and long lasting.



The glassflakes orientate as the film forms. The reinforcement of the glassflakes combines with the strength of specially formulated resins creating impermeable protection against abrasion and corrosion however hostile the environment



The glassflakes add great strength to the coatings as the enhanced elongation and compression qualities provide superior resistance to the most severe abrasion and impact.

Tested, tried and proven over more than three decades

Baltoflake

Reliable long lifetime protection, extremely abrasion resistant and fast curing. Long track record with proven performance.

Baltoflake | FC

Reliable long lifetime protection, extremely abrasion resistant and fast curing. To be used as final coat at temperatures above 25°C.

Baltoflake | ECOLIFE

Styrene free – extremely abrasion resistant and fast curing. Can be used down to +5°C.

Baltoflake systems prequalified to NORSOK M-501 standard



The NORSOK M-501 specification describes a set of pre-qualification tests to be carried out by an independent test laboratory with very specific and strict acceptance criteria.

Jotun has responded to this challenge by producing systems that satisfy all eventualities which occur in the aggressive conditions to which these coatings are exposed.

Baltoflake is approved according to NORSOK M-501 rev 6.



“WHY RE-INVENT THE WHEEL – IT WORKS!”

“The coated area on Burj Al Arab is 120,000m², and 67,000 of these are painted with Baltoflake.

It all went exceptionally well!

The building is now 16 years old, we recently inspected it, and there is not a mark on it – much to my pleasure.”

*Graham Young
Managing Director
APS Dubai,
Responsible for coating of Burj Al Arab
and Burj Khalifa*

“LIFE-TIME IS THE MOST IMPORTANT FACTOR WHEN IT COMES TO COATINGS”

“I joined Conoco Phillips 17 years after the first applications of Baltoflake at Ekofisk. When I saw the quality of the coating and the fact that there were no rust and no corrosion at all after 17 years – I specified it in as many places as I could.”

*Andrew Greig
Technically and constructually responsible for all
Coating work on Ekofisk for 17 years*



A global provider of coatings



Jotun is one of the world's leading manufacturers of paints, coatings and powder coatings.

We have 71 companies and 36 production facilities on all continents, and are represented in more than 90 countries with our network of agents, branch offices, distributors and sales offices around the world.

Our operations cover development, production, marketing, R&D and sales of paints and coatings to protect and decorate surfaces in residential, shipping and industrial markets.

Jotun is organised in four segments and seven geographical regions with its head office located in Sandefjord, Norway.

PROTECTIVE COATINGS

Our protective coatings are protecting assets in industries such as offshore, energy, infrastructure and hydrocarbon processing.

MARINE COATINGS

As the world's leading provider of marine coatings we supply to ship owners, management companies and others for both newbuilding and dry-dock.

POWDER COATINGS

Our powder coatings are supplied to manufacturers of appliances, furniture, building components, pipelines and general industries.

DECORATIVE PAINTS

Our interior and exterior paints are being used by consumers and professionals worldwide, for protection and decoration.

UNIFORM STANDARD ACROSS THE GLOBE

- Easy to exchange trained technical personnel across national borders and multi-national projects.
- Compulsory training for all technical and sales personnel in marine and protective segments. Most of our coating advisors and technical personnel have FROSIO and/or NACE certification.
- Same competence in maintaining company standard procedures globally.



Jotun GreenSteps

FOR A MORE COLOURFUL WORLD, WE ALL NEED TO BE A LITTLE GREENER

Jotun recognises the responsibility it has to the environment and has established its own GreenSteps programme.

Through the GreenSteps programme we address market demand for more sustainable coatings solutions.



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Legal Jotun entities world wide are listed. For details of Branch offices and Jotun representation in countries not listed, please visit jotun.com

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Jotun Protects Property