

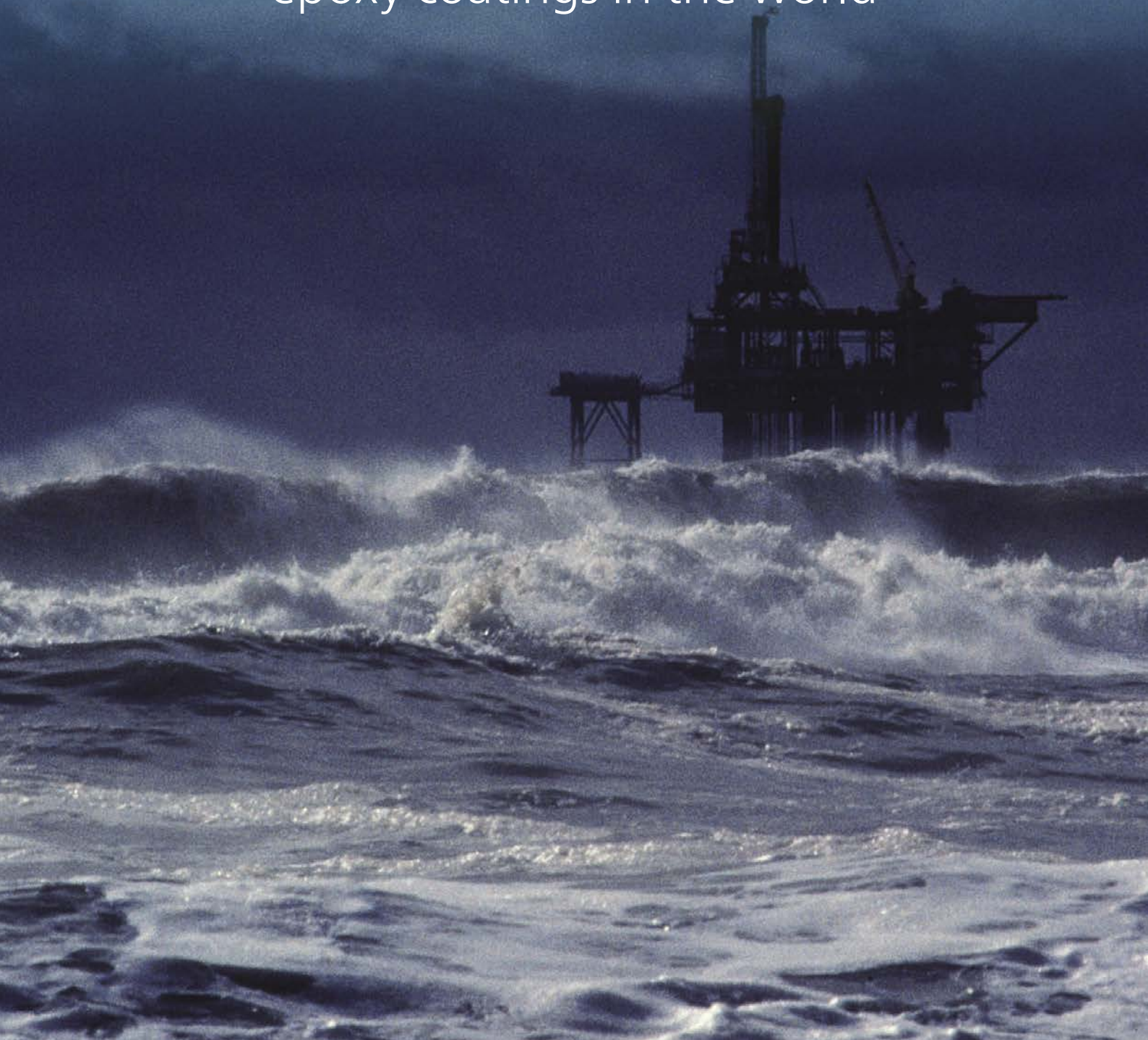


JOTUN

Marathon

| 1000

Probably the toughest
epoxy coatings in the world



PROBABLY THE TOUGHEST EPOXY COATINGS IN THE WORLD

For over three decades Marathon products have delivered lasting protection of onshore and offshore structures in the toughest conditions nature can provide. Marathon products are recognised for their superior protection of structures exposed to the harshest environments.

The foundation for this strength and endurance is a combination of high build, high abrasion resistance and high volume solids.

UNRIVALLED STRENGTH AND ENDURANCE



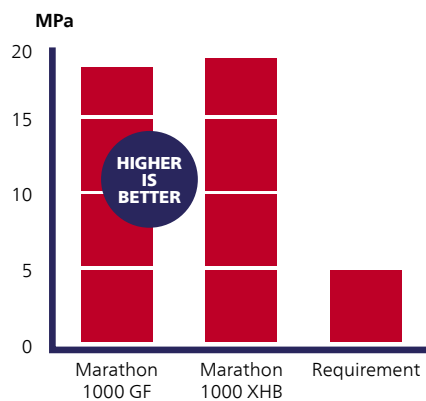
Marathon 1000 XHB and Marathon 1000 GF deliver **superior impact and abrasion resistance** – living up to the 30 year heritage of the Marathon brand.

The Marathon 1000 products can be applied up to **1000 µm** in one coat. This forms a **solid barrier** against the elements, giving excellent protection over an extended time.

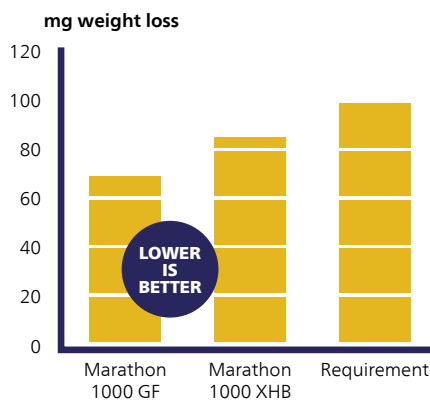
Multiple layers of **glass flakes** in the film give enhanced performance to the strong epoxy resin. The glass flakes improve the barrier effect and minimise volumetric shrinkage. In addition they also improve cohesion and adhesion strength of the cured coating film.

Marathon 1000 GF is NORSOK pre-qualified for systems 1, 4 and 7.

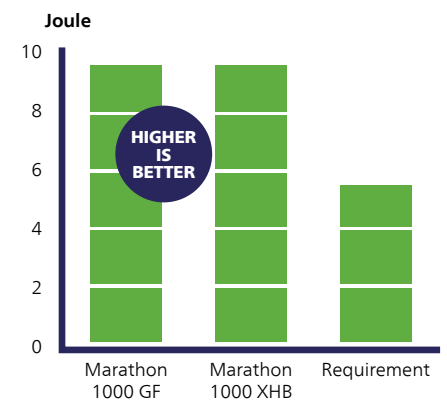
TEST RESULTS:
ADHESION



TEST RESULTS:
ABRASION RESISTANCE



TEST RESULTS:
IMPACT RESISTANCE



BETTER FOR USERS AND ENVIRONMENT



Marathon 1000 is **solvent free** – making it better for both the environment and the applicator.

Low emissions of VOCs – only 40 g/l – mean that Marathon 1000 products deliver better performance than most other high build solvent free epoxies.

No need for extra thinning on site to ensure they obtain ideal application properties.

Marathon 1000 contains **no mutagenic substances** – like phenols, which are often used in similar types of product. In addition there is **no emission of di-isocyanates** and both Marathon products pass the analytical test at IFKAN.



WELL ESTABLISHED TECHNOLOGY ALSO SUITABLE FOR COLDER CLIMATES



Marathon 1000 products are **easy to apply** with standard application equipment.

Traditional glass flake epoxies have difficulty in achieving a smooth finish – whereas both Marathon 1000 GF and Marathon 1000 XHB have **good flow properties** and give a **smooth finish**.

The Marathon 1000 products are epoxy based, which is a technology with well known application properties and **predictable life-time expectations**.

They are the only products of their kind that will **dry and cure at temperatures as low as 5°C**.

Marathon | 1000 XHB

Reinforced with glass flakes for optimised performance

Marathon | 1000 GF

Reinforced with 20% glass flakes for special performance requirements



Jotun Marine Coatings and Jotun Protective Coatings offices worldwide

Legal Jotun entities worldwide 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