



Cable protection on the seabed

Njord Polymat

There are many existing subsea cables and pipelines on the seabed. When new cables are laid they often have to cross these existing lines. There is a risk of damage through abrasion or crushing if there is direct contact between the lines.

Njord Polymat provides impact and abrasion protection along with Uraduct® for cable crossings. Njord Polymat has been used to cover drill cuttings on the seabed to avoid abrasion and also used on drilling vessels/rigs in areas where the drill strings are stored as a 'floor' material.

Njord Polymat is ROV installable and is particularly suited to deep water applications and can be used to stabilize cables and cable bights on the seabed whilst also provide protection at cable crossing locations.

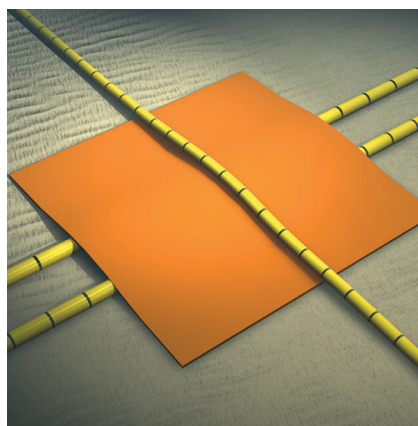


Illustration of a Njord Polymat in position at a pipeline/cable crossing



Njord Polymat in position over a subsea pipeline



Key Applications:

- Cables
- Cable crossing
- Pipes
- Seabed storage

Benefits:

- Njord Polymat can be used at any water depth
- The polyurethane material is suitable for long term subsea application without degradation
- It can be used in place of concrete mattresses, specifically where impact or abrasion protection is the key design function. Polymat is not brittle like concrete
- For ease of handling, holes are molded along the edges of each Polymat to allow attachment for pick up ropes, etc.
- Polymat can incorporate a barytes infill that provides additional ballast to aid product stability on the seabed
- Polymat is molded with grooves on one side to allow the mat to flex and closely fit the profile of the pipeline
- Resistant to repeated impacts at same locations, unlike concrete



Contact Us

Trelleborg Offshore delivers innovative and reliable offshore solutions that maximize business performance to meet your needs. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.



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