

Odin Float Over Solutions

Odin DSU (Deck Support Unit)

When a topside platform has been constructed, it needs to be loaded onto a barge and be transported to the offshore installation site.

The application of an Odin DSU is to reduce the direct impact between the underneath of the topside and the heavy transport barge.

Our Odin DSUs are engineered and specially customized for every individual project, consisting of a stack of elastomeric pads installed between two steel casings. Odin DSUs are installed onto the deck support frame of a barge. The topside is then loaded onto this deck support frame and our Odin DSUs act to absorb the weight of the topside; these Odin DSUs support the integrated deck structure and allow relative horizontal movement between the topside and the deck support frame during the transportation and mating process.



Applications:

- Offshore Wind High Voltage Direct Current (HVDC) Topside
- Oil & Gas Topside
- Mining and LNG Terminal Construction

Benefits:

- Allow horizontal movement between the topside and deck support frame during the transportation and mating process
- Provide proper spring stiffness of the topside when placed on an integrated deck structure
- Tailor-made engineering solutions to suit the environment and application's needs
- Full-scale compression test up to 18,300MT



Contact Us

Trelleborg Applied Technologies division is an industry expert in delivering innovative and reliable solutions that maximize performance for our customers. Our vast range of specialized, customizable materials ensure peace of mind at every stage of your project. With reliable and efficient project management and manufacturing we endeavour to take performance to new levels by achieving your goals safely, on time and within scope.



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