



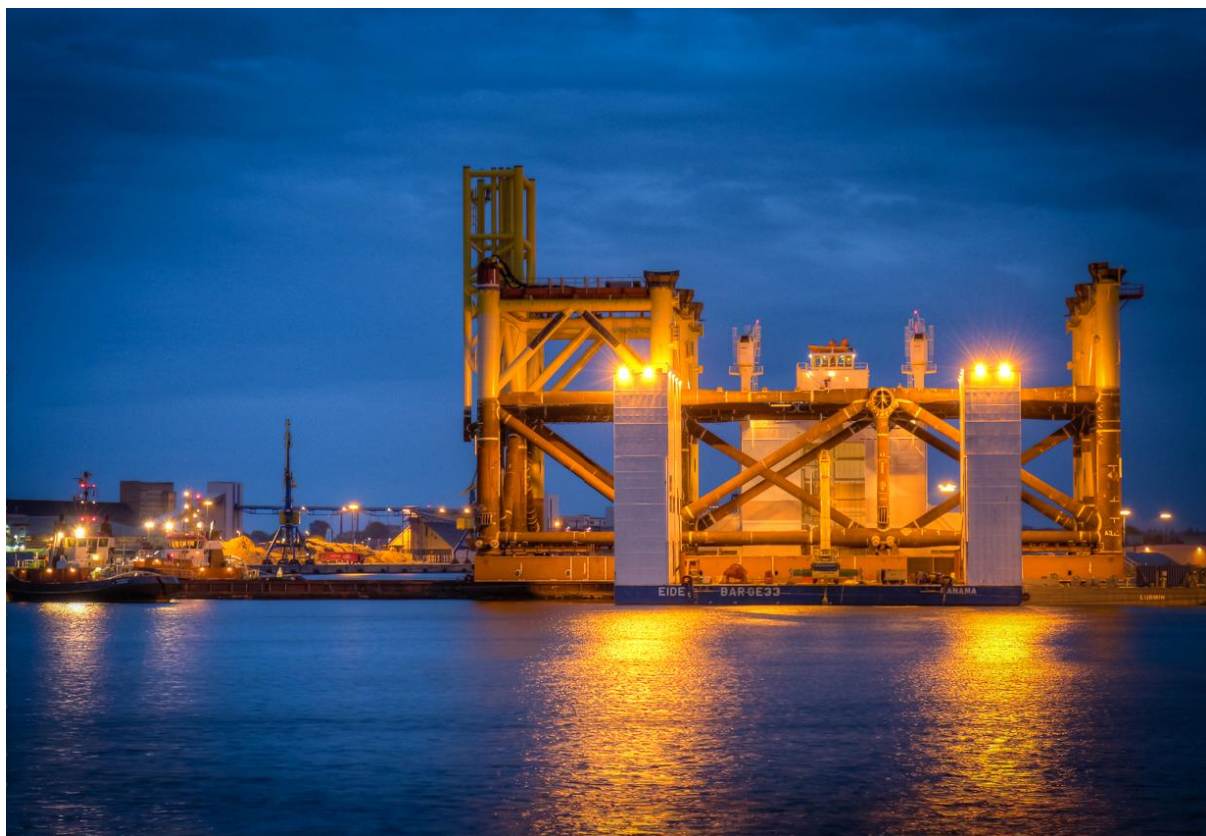
FLUOROCARBON

At Fluorocarbon we have acquired a worldwide reputation for the design and manufacture of bonded **PTFE/metallic Fluoroglide® skidway** plates based on the proven PTFE slide bearing technology.

Fluoroglide® **skidway plates** are used in many construction yards throughout the world to assist in skidding oil jackets, modules and heavy structures. Jackets and Decks with weights up to 30,000 tonnes have been successfully loaded out on Fluoroglide® **skidway plates**.

Fluorocarbon Limited Director and General Manager Tom Savage and his team recently acted as Technical consultants on a new innovative technique of using the Fluoroglide® **skidway plates** in Hamburg, this enabled the structure to be moved from barge to barge successfully. Along with Fluoroglide® **skidway plates** Fluorocarbon supplied FL914 timber for the skidway in combination with FL414 and FL415 lubrication systems for the project.

Tom passed on from the customer a “Very well done, congratulations and thank you very much on a successful project!” to everyone involved.



Skidway Services

- We offer a range of **skidway plates** to suit all customer requirements.
- Full experienced technical consultants available for onsite discussions.
- A typical Fluoroglide® **skidway plate** comprises of 2.5mm Fluorinoid® PTFE hot bonded to a 3mm carbon steel plate with a 25mm welding lip, for onsite tack welding without damage to the PTFE.
- All exposed metallic surfaces are primed to protect against corrosion.

The Fluoroglide® range of **skidways** are based on our well proven and tested **Slide Bearing** manufacturing procedures which ensure low coefficient of friction and reliability in varying environments throughout the world.

Typical friction values are 5-10% for static breakout and 1-5% for dynamic skidding. These values are dependent upon:

- Surface finish of the timber skid shoe
- Flatness of the installed skidway plates
- Use of Fluoroslip®

Fluoroslip® FL414 and FL415 Lubrication System

To reduce breakout friction we recommend the use of Fluoroslip® 415 and Fluoroslip® 414 with PTFE additive to aid effectiveness of our **slide bearing and skidways**. This combination of materials will reduce the initial static friction caused by:

- Long construction time
- Absorbent timber skid shoe
- Uneven loading
- Construction yard debris

Timber Skid Shoes Fluoroglide® FL914

Our range of Fluoroglide® timber skid shoes are manufactured from Green Heart timber sourced from British Guyana. The timber is graded to HS grade as defined on BS5756:2007 by suitable qualified graders with no wane permitted.

Typical properties for Fluoroglide® FL914 Green heart timber:

- Tension parallel to grain- 13.8 N/mm²
 - Compression parallel ton grain-23.0 N/mm²
 - Perpendicular to grain when fully supported- Min 10.6N/mm²
- Average density- 1080