



# FLUOROCARBON CASE STUDY

## FLUOROGLIDE® SKIDWAY PLATES

Find out how Fluorocarbon can help your company improve efficiency and save money at:  
[www.fluorocarbon.co.uk](http://www.fluorocarbon.co.uk)  
email: [info@fluorocarbon.co.uk](mailto:info@fluorocarbon.co.uk)  
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### THE CHALLENGE

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.

Topsides, jackets, and other heavy fabrications with weights up to 35,000 tonne around the world have been safely moving on our skidway systems for more than 30 years.

Our customer in Indonesia required a 127m skidway to move a 6400 tonne jacket by skidding onto a barge that could transport it to its destination.

The challenge was to manufacture and deliver the skidway for the launch of the jacket in a very short timeframe.

### THE SOLUTION

We started by installing the Fluoroglide® PTFE Skidway Plates that are manufactured to suit land and marine-based load-outs onto transportation barges.

Our Fluoroglide® PTFE Skidway Plate comprised of 2.5mm (about 0.1 in) Fluorinoid® PTFE chamfered both ends to aid transition between bearing plates, hot bonded to a 3mm (about 0.12 in) carbon steel plate with a 25mm (about 0.98 in) welding lip, for onsite tack welding without damage to the PTFE.



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### THE OUTCOME

Our expertise in the area enabled Fluorocarbon to provide a safe, proven, and cost-effective solution to move the heavy structure.

The 6400 tonne jacket was successfully loaded out and launched using our skidway system.

We managed to reduce breakout friction by recommending the use of Fluoroslip® FL414, achieving a static breakout of less than 5% and less than 3% dynamic.

The Fluoroslip® FL414 also helped with the uneven loading issues and the construction yard debris that showed during the skidding process.

The project was completed successfully on time and on the budget.