

## Mineral coating system for the Offshore Industry Application - ISO 12944-5 tested

Global -i- Solution offers with its product group P-Flex industrial coatings, products in the field of corrosion, building protection, and surface sealing.

Our thorough knowledge of the market, innovation and customer input results in reliable, solvent-free, environmentally and user-friendly special products for the fields of corrosion protection in offshore industry, tanks and pipelines and for overhauling and sealing of surfaces used for storing liquids hazardous to groundwater.



# P-<sup>mineral</sup>Flex-os

Polymer based industrial coatings

## Our service

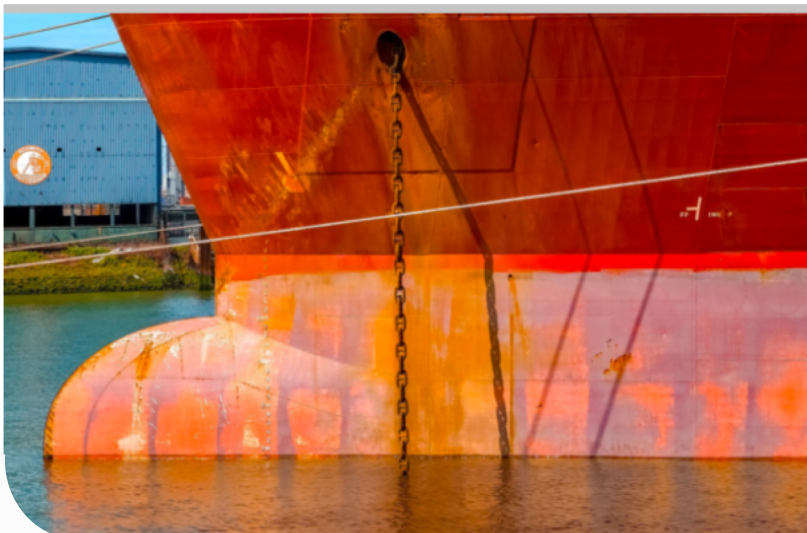
To guarantee the performance and quality of our products, we offer reliable service by our specialised staff and by our trained partner companies for implementation of rehabilitation work.

P-Flex M is a practicable, robust and economical corrosion protection coating for various surfaces and applications. The combination of selected natural minerals plus high-grade reactive fluid produces the ready-to-use mixture. P-Flex M is especially used on rusty steel surfaces where no special substrate preparation is required. A degree of purity according to ISO 8501-1 Sa1 is sufficient for the application. At the same time, the coating can also be applied to concrete and all load-bearing mineral substrates.

Our system is tested as per **ISO 12944-5**, standard for corrosion protection of steel structures.

## Outstanding product properties

- very good application on stable, rusty steel & all mineral surfaces
- no rust infiltration of the coating
- high-alkaline medium ensures active long-term corrosion protection
- temperature stability of -40°C to +180°C in the humid environment
- high resistance to acids and bases from pH 3,5 to pH 14
- high adhesion force to steel that does not diminish even with multiple load changes
- the expansion coefficient of the material is the same as that of steel
- hole filling and sealing capacities
- extremely low shrinkage of the material
- vapour permeability
- flame-retardant, high level of fire protection
- environmentally-friendly, solvent-free, low-pollution, not a hazardous material



Global -i- Solution  
Berlin, Germany  
Tel.: +49 30 23326875  
Mail: [info@europe-gis.com](mailto:info@europe-gis.com)  
Web: [www.europe-gis.com](http://www.europe-gis.com)