

Offshore Grating Solutions

Overview of safety solutions for offshore
constructions





Quality & safety is our bond

PcP always takes full responsibility for the quality of our products and solutions. From design and development to manufacturing we always strive to deliver reliable, high-quality products. Therefore, our solutions have been trusted by clients for more than half a century. Our products live up to some of the strictest safety standards, which enables our clients to use our solutions in demanding environments, where only the best is good enough. Safety is at the very heart of all our products and through everything we do. Our drive is to enable our customers - no matter their industry - to safely operate in their business routine, supported, and surrounded by innovative PcP solutions.

Our drive is to deliver on our promise on every project: **Engineering Safety™**.

Meet your project criteria with PcP offshore solutions

PcP has more than 30 years' experience supplying safe and robust solutions to offshore constructions such as wind turbines, substations, offshore platforms, and flare towers. Our high-quality products are designed to meet the strictest safety standards and requirements to strength therefore very suitable for demanding offshore environments with high corrosion.

To supply the safest solution matching the specific project criteria, PcP is involved in the main part of the process, from designing, drawing, and manages third-party approval of the solution.

Knowledge sharing and training are vital elements of our collaboration with partners. In extension, welding is one of the most challenging aspects of the manufacturing process. For this purpose, PcP applies years of experience and specially certified welders.

Applications within offshore constructions

PcP provides a range of products for the following offshore applications:

- ✓ Flare tower heat shields
- ✓ Transformer station bunds
- ✓ Wind Turbine maintenance platforms
- ✓ Wind Turbine Helihoist
- ✓ Walkways, stairs and landings for offshore oil and gas platforms



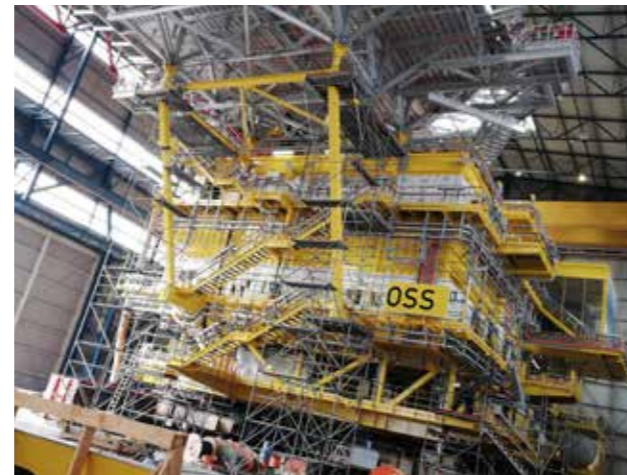
Applications

PcP has more than 30 years' experience supplying safe and robust solutions to offshore constructions such as wind turbines, offshore oil and gas platforms, flare towers and transformer stations. We provide solutions to match your specific project criteria and provide technical support throughout the project.



Wind Turbines

We provide gratings and treads in various materials and finishes for wind turbine platforms, stairs, landings and heliosts. Our gratings and treads offer the highest slip resistant surface and last for a life time.



Offshore Oil & Gas Platforms

On offshore oil and gas platforms safety is critical for the workers to feel safe during maintenance work. PcP's offers high quality gratings for maximum safety such as high slip-resistance and durability.



Transformer Station Bunds

Designing safe solutions for transformer station bunds is one of our core competences, with the LHD® fire-protection grating introduced to prevent transformer station fires. Since the late 1980s, PcP has been designing, developing and manufacturing safe fire-protection solutions for offshore, oil and gas applications.



Flare Towers

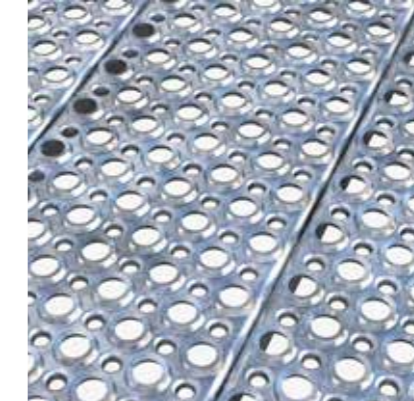
Due to massive heat exposure, the flare tower has a critical need for a high technology service platform to stand the challenge in the high heat environment up to 1000 degrees. Typically, the flare tower is one of the last elements installed on a platform; constructed onshore, hereafter, installed on the offshore platform. Our LHD® Heat Resistant Grating sheils flare towers from radiated heat and reduces underlying temperatures.

Products

Safety gratings and treads for offshore solutions in demanding environments. PcP's product range covers a vast range of gratings and treads in various materials and finishes.



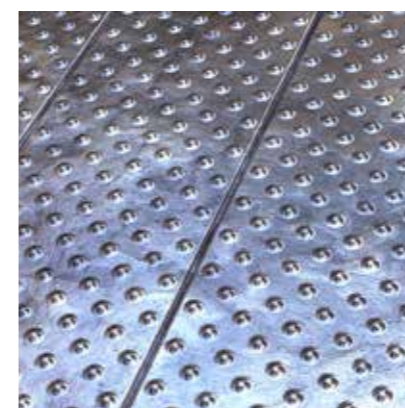
OPTIMO LHD
steel
fire protection | slip resistant
pattern: dia. 6/6 mm



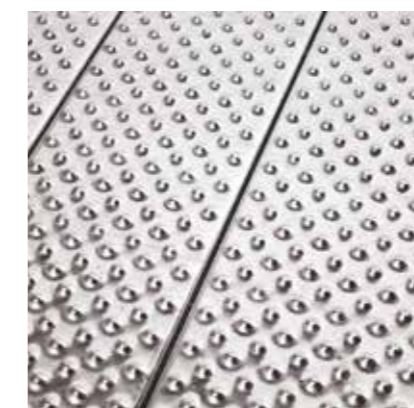
OPTIMO O3
steel | stainless steel | aluminium
max slip resistance
pattern: dia. 14/8,5 mm



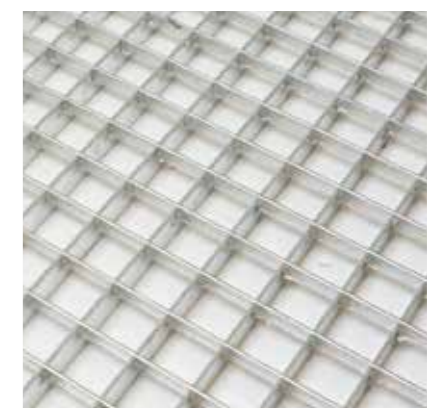
OPTIMO O2
steel | stainless steel | aluminium
max slip resistance
pattern: dia. 9/5 mm



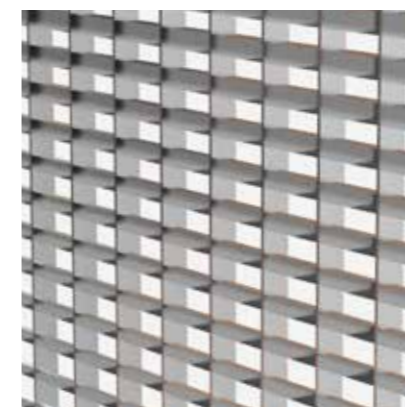
OPTIMO D2
steel | stainless steel | aluminium
heel proof | closed surface



OPTIMO D3
steel | stainless steel | aluminium
heel proof | closed surface



MESH
steel | stainless steel | aluminium | corten
countless mesh combinations available
optional slip resistance properties



LOUVRE - Ventilation Grating
steel | stainless steel | aluminium | corten

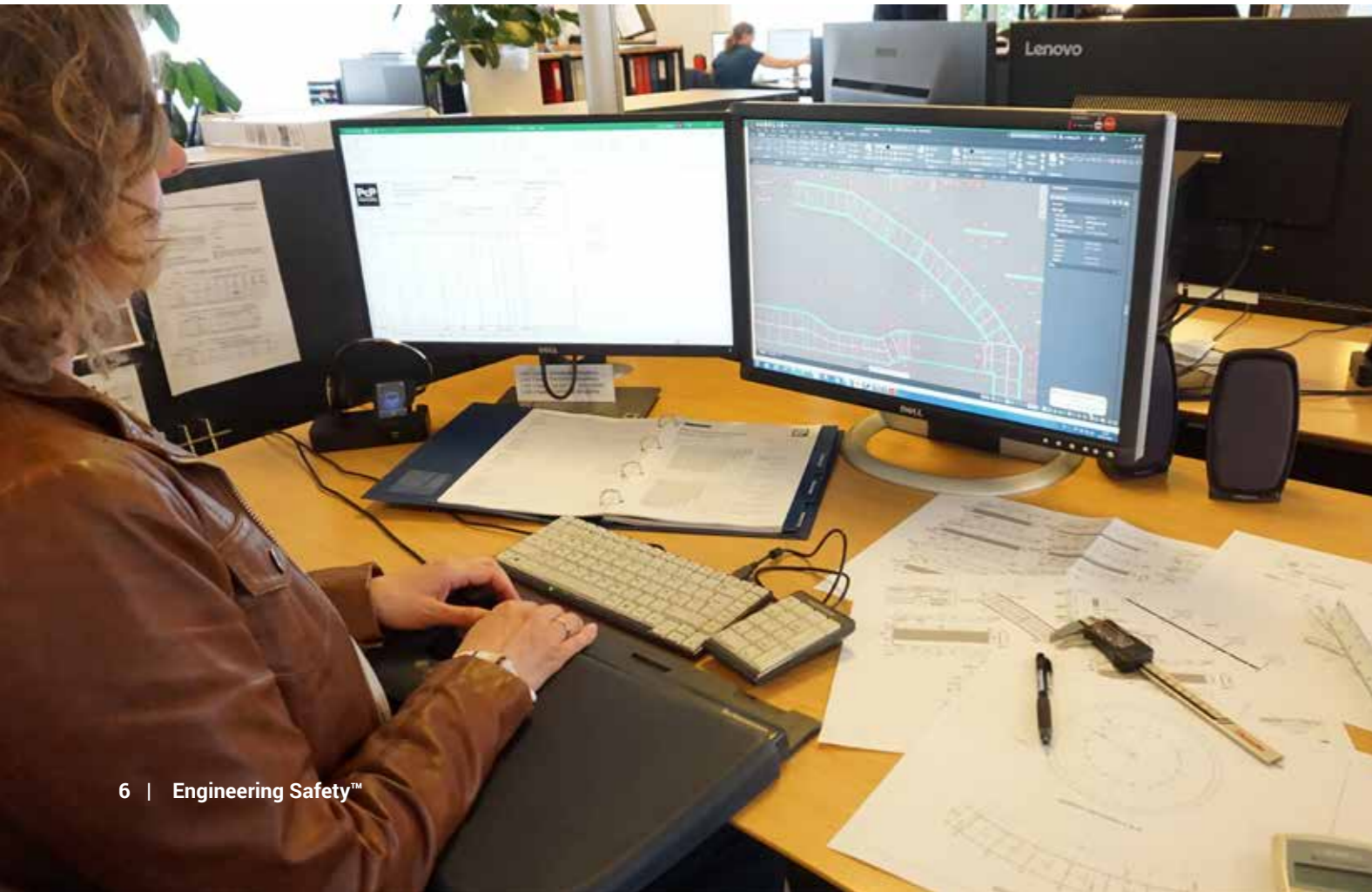


ACHIL VISUAL - Tread
steel | aluminium
max slip resistance
pattern: dia. 9/5 mm

Bespoke Solutions

From your first request to design, manufacturing, and delivery, PcP strives to meet your project expectations in every way possible. At PcP, we believe successful customised projects consists of committed collaboration combined with years of experience.

Wherever you are in the early stages of development of your project or further down the road we are happy to advise about norms, application-specific or industrial requirements, and much more. The OPTIMO® line is available in both standard and custom dimensions and can be modified to meet your exact project criteria. We welcome your next project with know-how and willfulness to realise your specific requirements. Since the beginning of PcP in 1927, we have delivered customised solutions of very high quality at competitive prices. Over the years, PcP has built up an excellent production capability, vast knowledge and broad experience in what it takes to make a good, safe and economically optimal solution for a wide range of applications.



Trusted partnership

We work with each client to understand their needs and develop customised solutions to meet each project criteria. Our experienced team is ready to take you through the challenging task from design and development to manufacturing and on-time delivery. In close collaboration, we help you define which minimum requirements your customised solution should meet. To design your solution, we only need a construction drawing of your application. When entering into a project partnership with PcP, you can expect to receive support for the following project elements:

- ✓ Static calculations
- ✓ The optimal layout of pcP products in the construction for the most economical solution
- ✓ Physical testing of the solution if necessary
- ✓ 2D drawing material on the finished solution
- ✓ Approval of drawings at the customer premises
- ✓ Production
- ✓ Delivery



Engineering Safety™

Safety is at the very heart of our products and through everything we do. Our drive is to enable our customers - no matter their industry - to safely operate in their business routine, supported and surrounded by innovative PcP solutions.

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