



Typical Applications

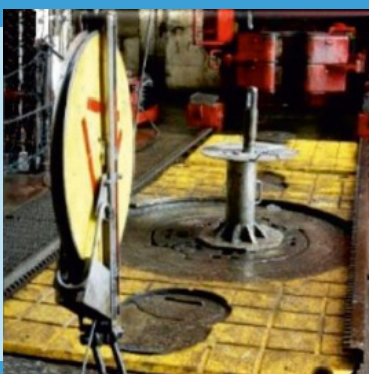
- Drill floors / Decking Areas
- Monkey boards
- Stairs & Walkways
- Rotary Tables
- All types of Main & Aux Tables
- Pump Room and Mud Pits

Benefits

- Heavy Duty / High Traction Anti-slip surface
- Excellent Impact Resistant
- Identify Drop Zones / Danger Areas
- Prevention of Slip, Trips and Falls
- Chemical & Corrosion resistant
- Long Term Durability

Seaward Safety's Safety and Rotary Mats are designed primarily for rig floor applications; they are commonly used around the rigs rotary table to provide traction and sound footing in this notoriously hazardous area. Mats can also be found on adjoining deck & setback areas, as well as a number of other high risk areas. Our mats offer superb levels of traction even in the most hazardous of conditions.

Constructed using an elastic two component custom blended Polyurethane system with good low and high temperature properties. This high strength PU resin system that holds excellent chemical resistant properties to withstand the most commonly used fluids encountered in the oilfield. Each mat is custom moulded to incorporate our high traction surface which is provided through embedded stainless steel studs and the additional high traction gritted surface. Each mat has pre-moulded channels / grooves in the surface to allow positive drainage and fluid run off, this also provides additional traction. The product is Fire; Chemical & Dielectric tested to European standards and is produced under strict ISO 9001 quality assurance standards. Mats can be supplied any colour and can incorporate various safety / hazard identification which is embossed into the surface of the mats.





Options / Technical Information

Sizing

Seaward Safety rotary matting can be supplied in standard sizing, however majority of the time it is custom designed and manufactured to meet the rigs specific design / specification. Seaward Safety matting is a custom designed, manufactured product. Design and sizing is typically based on rig supplied drawings.

Colours

Typically supplied with high visibility colours; however a full range of custom colours are available on request.

Hazard Markings / Custom Logos

Seaward Safety mats can incorporate various customised logos and safety hazard markings which are embossed on the surface of the product.

Mat Thickness Options & Weights

20mm (3/4") thick mat - 23kg per M2

25mm (1") thick mat - 29kg per M2

32mm (1 1/4") thick mat - 35kg per M2

Installation

Seaward Safety rotary matting & matting can be secured to most decks surfaces (metal, wood, concrete) using conventional fixing methods.

Specification / Physical Data

Colour:

Various - Mixed whilst in liquid state

Finish:

Flat Sheet - Channelled Surface

Anti-slip Grade:

High Traction - Studded

Tensile Strength:

8.0 MPa (DIN53455)

Elongation at Break:

295% (DIN53455)

Shore Hardness:

90A (DIN EN ISO 868)

Tear Resistance:

22.0 N/mm² (DIN53356)

Linear Thermal Expansion:

108 10-6 K-1 (DIN53752)

Water Absorption:

Less than 0.1%

Temperature Range:

-35 deg C to +95 deg C

Specification

Test Data

Fire Testing:

BS EN ISO 11925-2 and BS EN ISO 9293-1

Chemical Resistance:

Various chemical compounds including most commonly used water & oil based drilling muds and fluids.

Dielectric Testing:

IEC 243

Coefficient of Friction:

0.9 Wet 0.95 Dry

(Friction test carried out using the pendulum Grip Test)

Reading of 0.6 is considered good.

Transportation / Classification

Mats are classed as non-hazardous materials and can be shipped through conventional methods.

All types of matting should be stored and transported in flat position and not rolled or folded.

Maintenance

Surface Maintenance

All types of matting should be cleaned at intermittent intervals to insure they offer optimum performance, wash with water based detergent, stiff brush or high pressure washers / steam cleaners.

Cutting & Drilling

This product is not easily cut or shaped once produced - it is vital that as much detail is included at the design stage to be incorporated during manufacture.

Health & Safety

All types of matting can be heavy and can be cumbersome to be moved around location, therefore suitable manpower and lifting aids should be used to alleviate any hazards.

If in any doubt about an application please contact Seaward Safety