



SCOTGRIP®

STEP INTO A SAFER ENVIRONMENT

www.scotgrip.com

DUNNAGE MAT DROPS OCCURENCES

Presented by
Sam Harding

Business Development Manager
&
Surveyor





SCOTGRIP®
STEP INTO A SAFER ENVIRONMENT
www.scotgrip.com

DROPS prevention products

Scotgrip Grating Cover Tiles



**Scotgrip Kicker Tread with
Sign-Alert**

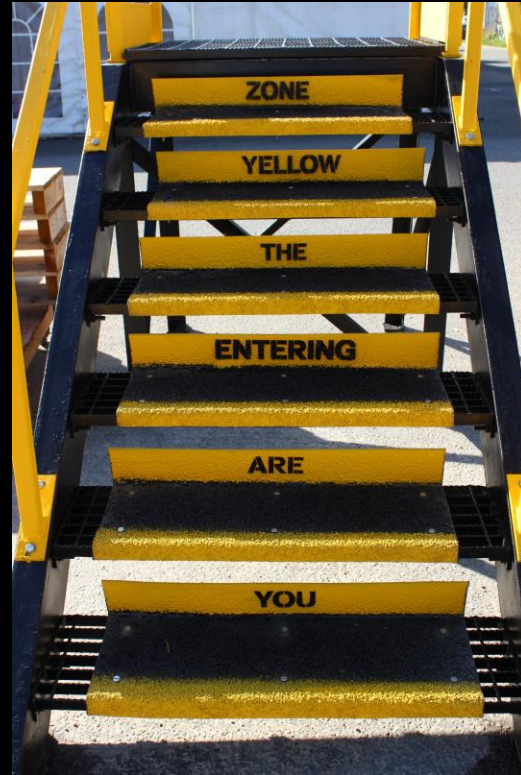


SCOTGRIP®

STEP INTO A SAFER ENVIRONMENT

www.scotgrip.com

DROPS prevention products



To further increase awareness and safety, Rig personnel can be made aware of potential dropped object hazards before entering an area.



Scotgrip Stair Nosing and Scotgrip Kicker Treads prevent dropped objects through steel grating and between steps. Scotgrip Stair treads are designed to be retrofitted to existing grating cost-effectively.



SCOTGRIP[®]
STEP INTO A SAFER ENVIRONMENT
www.scotgrip.com

Background information

- A major drilling company contacted Scotgrip as a result of their clients concerns regarding dunnage mats becoming DROPS hazards during lifting operations.
- A dunnage mat had stuck to the underside of a container during lifting. It became unstuck and fell to the deck below as the container was several metres above the rig deck.
- The dunnage mat in question was an unapproved product and of unknown manufactured origin.
- Scotgrip was requested to provide a solution for testing on three rigs.
- The new Scotgrip dunnage mat design was approved for testing.
- Scotgrip dunnage mats are being considered for fleet-wide standardisation.



SCOTGRIP®
STEP INTO A SAFER ENVIRONMENT
www.scotgrip.com

Dunnage Mat DROPS Occurrences





SCOTGRIP®

STEP INTO A SAFER ENVIRONMENT

www.scotgrip.com

Dunnage Mat DROPS Occurrences



- This is a picture of the mat that dropped from the underneath of a container several meters onto the deck below.
- According to HSE representatives at different companies, this has been witnessed on many occasions with mats of this type.
- There have likely been many unreported DROPS occurrences and near misses in comparison to the occurrences that are known.
- This mat isn't a Scotgrip dunnage mat. The design and material is a substandard quality allowing for suction and adherence to the underside of containers.

Reducing DROPS Occurrences Worldwide

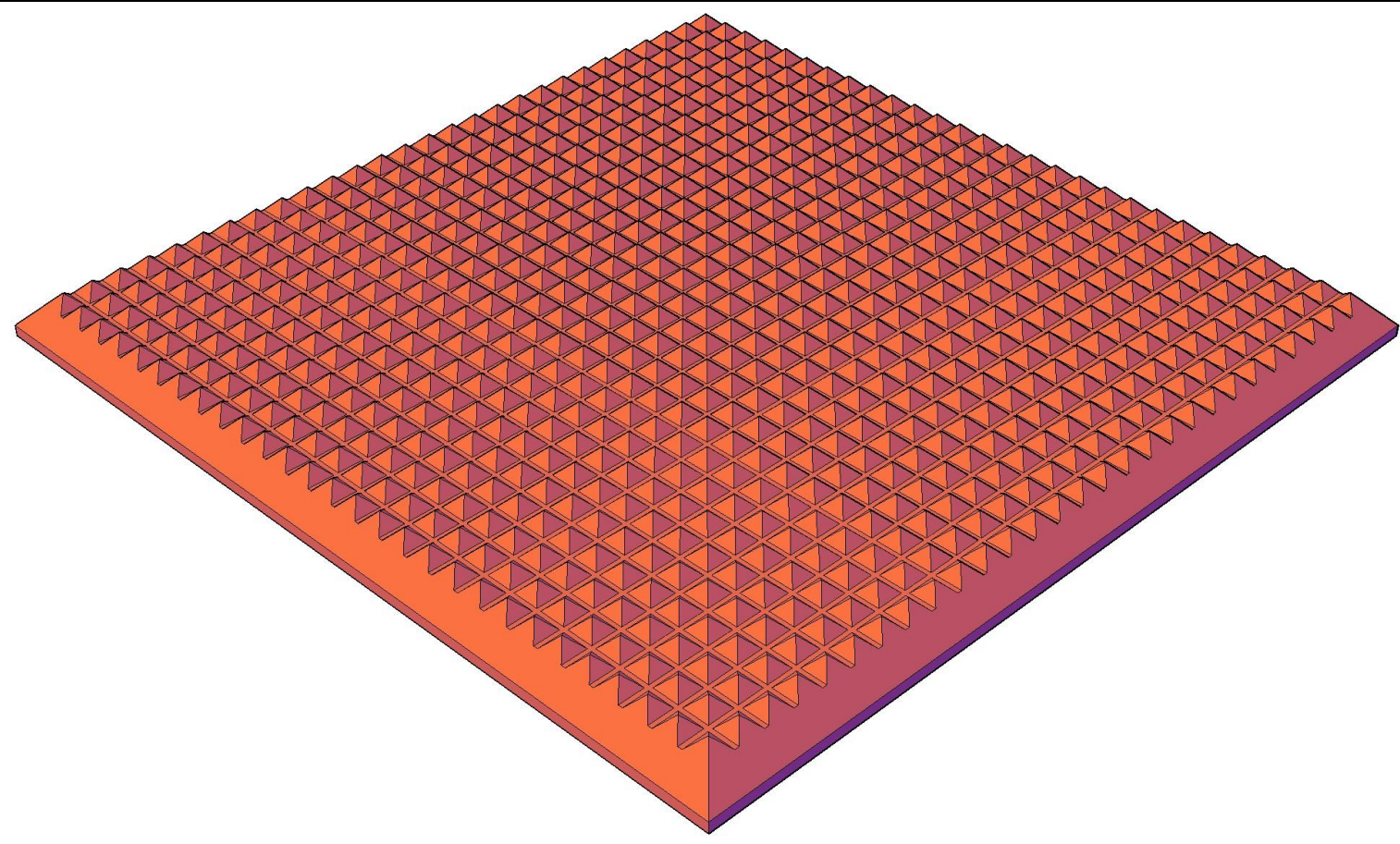
- Scotgrip has taken the initiative to develop a new dunnage mat in order to steer the Oil and Gas industry through innovative design and manufacturing.
- Our goal is to further reduce DROPS occurrences within the Oil and Gas industry worldwide.
- We will readily work with companies worldwide to make the industry a safer place.





SCOTGRIP®
STEP INTO A SAFER ENVIRONMENT
www.scotgrip.com

Preventing DROPS through design – Solid Pyragrip Dunnage Mat



- Scotgrip designed a brand new dunnage mat surface which is derived from the Scotgrip rig floor Pyragrip design.
- The Pyragrip design allows an air gap to be maintained between the dunnage mat and the container surface.
- The Pyragrip design incorporates drainage channels to aid fluid drainage.
- Chamfered edges on all sides reduce the likelihood of tripping hazards.
- Bright colours are available for different rig zones (e.g. **Red Zone**).

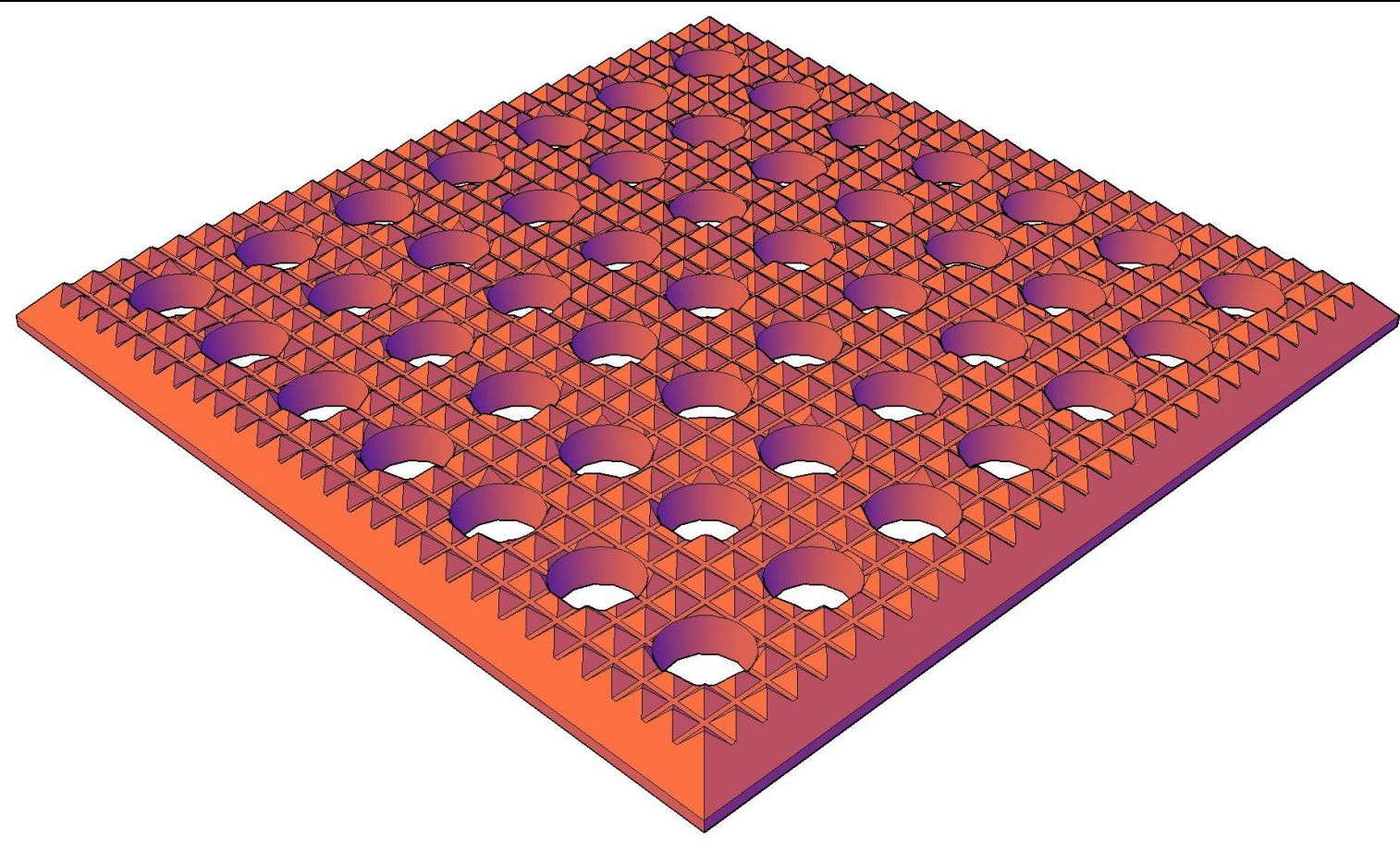


SCOTGRIP®

STEP INTO A SAFER ENVIRONMENT

www.scotgrip.com

Preventing DROPS through design – Light-Weight Pyragrip Dunnage Mat



- This design is the Light-Weight version (LW)
- It is identical to the Solid Pyragrip dunnage mat but with equally spaced holes to reduce the weight of the dunnage mat.
- The Pyragrip design incorporates drainage channels to aid fluid drainage.
- Chamfered edges on all sides reduce the likelihood of tripping hazards.
- Bright colours available for different rig zones (e.g. **Red Zone**).



SCOTGRIP®

STEP INTO A SAFER ENVIRONMENT

www.scotgrip.com

Current Scotgrip Dunnage Mats

- Current Scotgrip dunnage mats have had many years of use with no reported DROPS occurrences.
- Scotgrip dunnage mats have a fine profile surface on both the Solid and Light-Weight types. Both types have been rigorously tested on working rigs to determine their performance.
- By using Scotgrip as the sole manufacturer / supplier ensures fleet-wide standardisation and quality to help eliminate DROPS hazards.





SCOTGRIP[®]
STEP INTO A SAFER ENVIRONMENT
www.scotgrip.com

Pyragrip Dunnage Mat Testing Status

- Currently the new Pyragrip Dunnage Mats are in the process of being tested onboard 3 drilling rigs with the same drilling company. These will be tested in different environments including the North Sea and off the coast of Africa.
- The drilling company carrying out the trial will provide feedback and pictures allowing Scotgrip to manufacture dunnage mats resulting from a successful trial.
- Should the design require adjustment then this will be carried out accordingly along with further testing.
- Scotgrip will continue to produce the current range of dunnage mats alongside the new Pyragrip dunnage mat.

Should you wish to trial the new Scotgrip Pyragrip Dunnage Mat then this can be arranged at zero cost for samples.

All enquiries to info@scotgrip.com or sam.harding@scotgrip.com



SCOTGRIP®

STEP INTO A SAFER ENVIRONMENT

www.scotgrip.com

Thank you for your attention!

Any Questions?