WHERE WE WORK

Supply Bases/Manufacturing Sites						
UK	Europe	Project Specific Worldwide				
Asia Pacific	Saudi Arabia	UAE				
South Africa	Azerbaijan	Americas				
Mexico	Mediterranean	Norway				

ACCREDITATIONS AND AWARDS

The Queen's Award for International Trade/Innovation 2005, and International Trade 2013

East of England Energy Group Innovation Award 2007 for Advanced Drill Cuttings Process System

SafeContractor

Investors In People - Gold

ISO 9001 and 14001

ISO 45001 Safety Standard













GEO=MAT

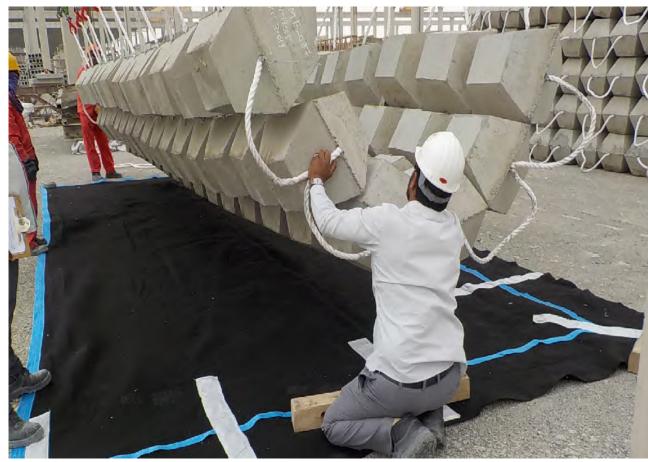


GEO=MAT - Pre-fixed Geotextile Mattress Solutions

2 PIPESHIELD | GEOTEXTILE FABRIC SOLUTIONS

GEOTEXTILE FABRIC SOLUTIONS

Pre-fixed geotextile mattress for extra stability and anti-abrasion



GEO=MAT can be pre-fixed to either side of the concrete mattress or even both sides.

The *GEO=MAT* geotextile mattress has been designed to provide extra benefits to those obtained from a normal concrete mattress. The highly durable, needle punch non-woven layer can be used as a preventative measure to avoid sinking in soft sea or river bed conditions, or used as an anti-abrasive layer to provide a barrier between the concrete mattress and the asset.

A standard *GEO=MAT* comes in an oversized 6m x 3m size designed to be installed with our standard range of mattresses, although bespoke sizes and specification are also available. With easy fixing points at all loops, the oversized *GEO=MAT* enables single installation of both concrete mattress and protective layer.





Contact us to discuss your project today

Features & Benefits

- · Pre-fixed for single installation
- · Oversized for syncronized lifting
- · Non-woven high durability
- Can be manufactured with overlay flaps to ensure total geotextile protection
- Stiffener rods can be fitted to overlay flaps for diver less installation
- Can be used to prevent sinking in soft sea / riverbed conditions
- High quality anti-abrasive protection
- Can be fitted on either side or both
- Fast & easy to attach to mattress



Specifications (*BASED ON 30 KN. OTHER SPECIFICATIONS ARE AVAILABLE)

MECHANICAL STRENGTH	TEST	UNIT	VALU
Tensile strength	EN ISO 10319	kN/m	30*
Tensile elongation	EN ISO 10319	%	80
Puncture	EN ISO 12236	kN	5
Cone drop	EN ISO 13433	mm	5



FILTER PROPERTIES

Opening size	EN ISO 12956	Micron	80
Water flow	EN ISO 11058	I/S/M2	65
Coefficient permeability	FN ISO 11058	M S 10 3	64

DURABILITY

1	Weathering 50J/m2 (1m)	EN 12224	> 90% Retained strength
	Microbiological resistance	EN 12225	No loss in strength
	Resistance to acids & alkalis	EN 14030	No loss in strength
(Oxidisation at 85 days (100 years)	EN 13438	> 90% Retained strength



Pipeshield International Ltd

- e: info@pipeshield.com
- t: +44 (0)1502 560900
- f: +44 (0)1502 538338
- w: www.pipeshield.com

GEO=MAT comes oversized to accommodate the contours of the mattress during lifting.

Additional options include the addition of overlay flaps & stiffener rods for diver-less use.



Overlay flaps for total geotextile cover



Stiffener rods for diver free installation



Surface operated hydraulic release kits*

* Please contact us to discus