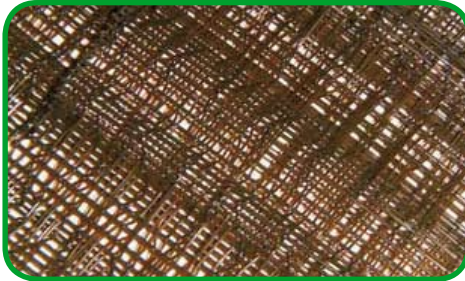


## A TACTICAL MOBILITY SYSTEM

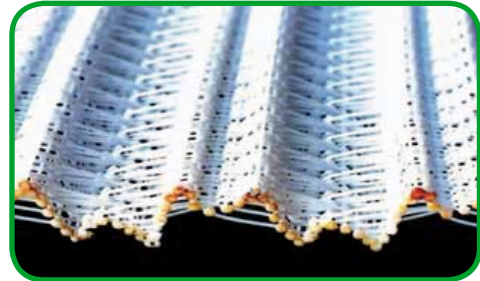
### FOUR MOBI-MAT® TYPES

#### LX BROWN



Light Grade: 0.7 kg / sqm (0.14 lb / sqft)

#### A2X



Medium Grade: 1.65 kg / sqm (0.34 lb / sqft)

#### MM3 V25



Heavy Duty Grade, reinforced with fiberglass bars every 6" (15cm)  
8 kg / sqm (1.64 lb / sqft)

#### MM3 C25



Heavy Duty Grade, reinforced with carbon bars every 6" (15cm)  
6 kg / sqm (1.23 lb / sqft)

### COLOURS

#### STANDARD COLOUR



**BLANC**

#### PAINTED COLOUR



**SABLE**



**ROUGE**

#### COLOUR FOR MONOFILAMENT Minimum order quantity required



**VERT  
OTAN**



**BRUN  
TERRE**

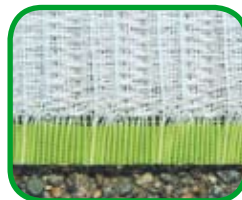
OTHER COLOURS AVAILABLE ON REQUEST

### FINISHING OPTIONS

#### REFLECTIVE BORDERS



#### FLUORESCENT BORDERS



#### BLACK BORDERS



PRODUCT RANGE	MOBI-MAT®			
MOBI-MAT® TYPE	LX	A2X	MM3V25	MM3C25
WEIGHT *	0,14 psf (0,7 kg/m <sup>2</sup> )	0,34 psf (1,65 kg/m <sup>2</sup> )	1.64 psf (8 kg/m <sup>2</sup> )	1.23 psf (6 kg/m <sup>2</sup> )
COMPOSITION	100% Polyester			

\* The weight can vary according to the finishing of the matting.

MECHANICAL PROPERTIES	Test method: Lab-TME 2T : adapted from NF G 071-119 or NEQ ISO 5081			
Tensile strength (warp direction) / 4.20 m	Min. 24 tons	Min. 46 tons	Min. 105 tons	
Tensile strength (warp direction)	Min. 56 kN/m - 5,7 t/m	Min. 135 kN/m - 13.8 t/m	Min. 245 kN/m - 25 t/m	
Elongation at break (%)	21%		30 %	
Compression	12 Mpa (N/mm <sup>2</sup> )			

CHEMICAL PROPERTIES	
Moisture regain 20°C - 65% HR	0.4%
Acid resistance	Good
Alkali resistance	Good
Solvent resistance	Good
POL resistance	Good
Aviation Synthetic Hydraulic Fluid Resistance	Excellent at ambient temperature (no physical deterioration after 18 days of wetting, 100% mechanical characteristics).
UV and weather resistance	Excellent
Micro-organisms resistance	Excellent
Urea and Liquid manure resistance	Excellent : placed for 6 months under a cow manger, MOBI-MAT® showed no physical degradation.

THERMAL PROPERTIES	
Useable temperature	-40°F (-40°C) / 176°F (+ 80°C)
Softening temperature	428°F (220°C)
Melting temperature	500°F (260°C)
Degradation temperature	572°F (300°C)
Combustion behaviour	Laid on the ground, the mat stops burning slowly as soon as the flame is taken away.

COMPOSITE BARS PROPERTIES			
Composition	-	Fiberglass	Carbon fibers
Color	-	White	Black
Electrical property	-	Non conductible	Conductible
Combustion	-	Fiberglass incombustible	Stops burning when the flame is taken away
Flexural modulus	-	47.6 GPa	109.9 GPa
Flexural strength	-	1000 MPa	1627 MPa
Crush test method 12 CER2-TR1	-	24.1 MPa	25.9 MPa



Helipad



Beach Access Mat



Deployment Systems



Usine de Bourisson  
BP 20 - 16400 La Couronne - France  
Tél. + 33 (0) 545 677 030 - Fax. + 33 (0) 545 678 160  
deschamps@deschamps.fr



[www.mobi-mat.com](http://www.mobi-mat.com)



4 Peckman Road  
Little Falls NJ 07424, USA  
Tél. + 1 973 237 0691 - Fax. + 1 973 237 1660  
info@mobi-mat-dms.com