

FOLDABLE FIBREGLASS MATS (FFM)

The Quick Solution for Immediate
Airfield Damage Repair (ADR)



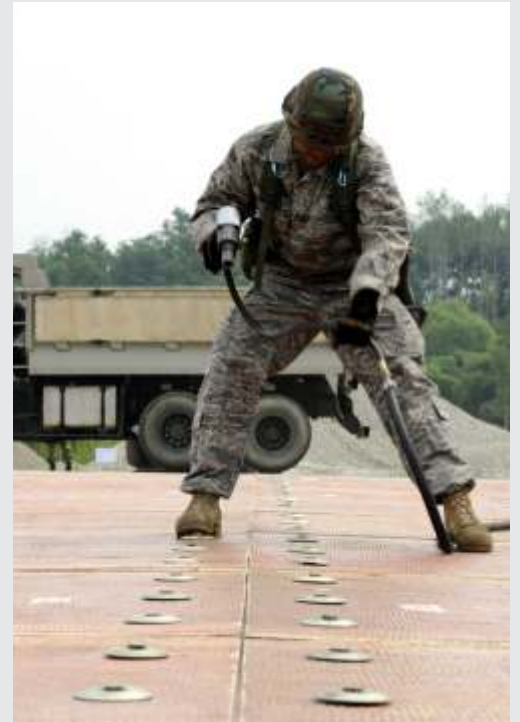
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ABOUT FFM

The **Mtandt Group** has been at the forefront of delivering innovative solutions. Our latest offering, the **Foldable Fibreglass Mats**, exemplifies this commitment. Developed through years of expertise, these mats provide unmatched temporary support for runway landing aircraft, offering superior compressive strength and resistance to environmental climatic variations.

PRIMARY FEATURES

- High-performance fibreglass reinforced plastics are involved.
- Designed to last with high-performance platform mats. Foldable and flexible hinges at 6-foot intervals for quick deployment.
- Engineered to withstand the harshest environmental conditions.
- Effective anchor bolts locking system.
- Adequate coefficient of friction for safe usage.
- Excellent corrosion resistance and electrical resistance.
- Capable of withstanding high temperatures.
- Exceptional shelf life for prolonged use.



USP OF PRODUCTS

- Best and unique solutions for airfield damages.
- Ideal for immediate response operations.



INSTALLATION

- Easy installation with a user-friendly guidance mechanism.

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SAFETY AND EFFICIENCY

Engineered for strength and performance, the hinge elastomers efficiently fold the mat for compact storage and withstand the force of jet landings. The mats' bidirectional texture reduces drift and slippage while enhancing traction for aircraft tires. With proper use and maintenance, the fibreglass foldable mats provide years of reusable performance and extended lifespan.

SPECIFICATIONS

Dimensions	54ft x 30ft
Weight	3500 Kgs (Approx.)
Colour	Nature-pale yellow
Elastomer Hinges (8 Hinge Per Mat)	76.2 mm
Handling	Designed for airfield damage runway repair
Environmental	No
Safety	No toxic gas release and densification of smoke is less
Fire Capacity	Cleared ASTM D 2565-16 and FDA51-FR-21648



TEST DONE WERE APPROVED ON FFM

TENSILE STRENGTH

↳ Result: >17500 PSI

FLEXURAL MODULUS

↳ Result: >37500 PSI

HARDNESS TEST

↳ Result: >45

TOXICITY LEACH CHARACTERISTIC TEST

↳ Result: Acceptable Contaminants

HINGE-TENSILE STRENGTH

↳ Result: >27000 kg/m

HINGE-IGNITION TEMPERATURE

↳ Result: More than 235°C

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SCAN QR FOR
MORE DETAILS

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