

Magnetic Patch Miko Plaster

***Miko Plaster®** - is a registered trademark and covers a large variety of combinations of patches for stopping a leak, - including magnetic, non-magnetic, "hat shaped", Kevlar/ Aramide reinforced, varying buoyancy and various custom designed solutions to accommodate clients specific requirements. Miko Plaster is qualified by DNV*

The Miko Plaster® - Heavy Duty Magnetic Tarpaulin. The outer layer is a polyester reinforced PVC matting with extraordinary strength characteristics. (Stretch strength: 9000 N/5cm - Shear strength: 1500 N). To protect the matting further and to prevent puncture i.e. during salvage operations, or when rubbing against sharp steel edges etc., the patch may be further reinforced with Kevlar/Aramide. The patch is qualified by classification societies incl. DNV and GL and is resistant to long time exposure to sea water, oils and most chemicals. The inner layer is a nitrile rubber magnetic sheeting, where the magnetic configuration is such that it will allow the patch to have high holding forces parallel to the steel plating. The magnetic particles are positioned in such a way that the magnetic forces will apply even through thick layers of paint and marine grouting. The rubber sheeting protects the patch against sharp edges and creates an effective sealing.

Our solutions are often based upon the use of:

1. Heavy Duty Magnetic Tarpaulins - Miko Plaster® in various sizes.
2. An appropriate handling system.
3. An adequate "sea fastening" in case of towage.



Standard sizes normally delivered from stock:

450 mm x 500 mm, 833 mm x 450 mm, 1250 mm x 900 mm, 2250 mm x 2500 mm, 4500 mm x 5000 mm.

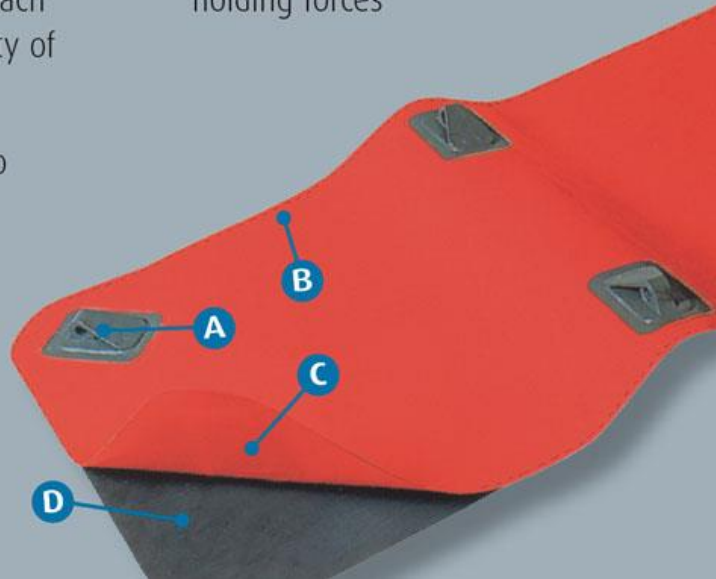
Miko Plaster® can be delivered in all sizes, shapes and with a large variety of characteristic.

A Lifting lugs are welded onto the tarpaulin. The number is adjusted to the size and application. Each bracket has a holding capacity of min. 350 kg.

B A sewing thread is applied to avoid risk of delamination.

C The outer layer with extraordinary strength characteristics

D The inner layer. Nitril rubber with high magnetic holding forces



Miko Plaster® – Heavy duty magnetic tarpaulin

Description	"Heavy-duty" magnetic tarpaulin for marine salvage operations, and sealing off sea water inlets. The Miko Plaster® is used to stop leakage in ships, wrecks and tanks, above as well below the water-line. The tarpaulin is designed for long term storage and is not demagnetised after use.	
Weight:	Weight in air: 9,0 kg/m ²	
	Weight in water: 5,5 kg/m ² (with Floatation – slightly positive Buoyancy) i.e. Easy handling in and above water level.	
Magnetic holding force:	Up to 100 gr/cm ²	
Mechanical strength:	Stretch length:	Shear length (LEG)
	9000N/5cm X-dir.	1500/1700N acc. to DIN53356
	8500N/5cm Y-dir.	Shear length (Trapez)
Welding strength:	1500/1700N acc. to DIN53363 Damage to the non-welded part of the tarpaulin.	
Temperature:	Max. 120 °C (Meltingpoint)	
Standard sizes (m x m):	0.50 x 0.45m, 0.83 x 0.45m, 1.25 x 0.90m, 2.50 x 2.25m, 4.50 x 5.00m (Other sizes available upon request)	
Thickness:	3.5 mm	
Curvature:	Min. Radius = 0,10 m	
Porosity:	No significant value	
Color:	Red	

