

Self Sealing Technology



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Magam Safety Self-Sealing Fuel Tanks

ABSTRACT

Close work with Israeli Defense Forces (IDF) over the years, Has led Magam Safety to develop new and innovative solution, for the challenge of the vulnerability of oil storage tanks and Vehicle's fuel tanks. Magam has been the sole supplier of fuel tanks for the Israeli Defense Forces (IDF) "Merkava" MBT (Main Battle Tank) since 1974.

This unique system, has designed to prevent leakage from operational fuel tanks, or fuel pipes, when suffering from ballistic damage caused by explosions, shooting and fire.

APPLICATION

Magam's Self-Sealing Technology, provides a unique and unprecedented combination of characteristics, including its size, weight, flexibility and anti-crack stability. It have been integrated in various platforms, providing a safe and effective fuel containment solution, and allowing full customization to any client's needs.

TECHNOLOGY

Magam has overcome the limitations of traditional ballistic protection methods by sealing the penetration hole instead of preventing it. The Solution contains a few Rubber layers, made especially in the factory with unique Rubber formula. It can be applies as a flexible fuel tank, or as coating for any metal fuel tank, including pipelines. Any surface with Magam's Self-Sealed technology is also benefited from the Thermal protection, and Corrosion protection, provided by the coating.



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Magam Safety is keeping your fuel supply safe and sound. At all times.



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