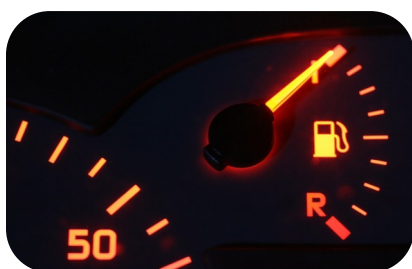


MADE-TO-MEASURE SOLUTIONS

Simtech designs, manufactures & provides **full solutions** including:

- **fuel-leakage tank protection** with self-sealing properties & **inner anti explosion** system on OEM tanks in case of bullet perforations. The complex **self-sealing** sandwich can be applied on various tank materials : PE, aluminium, glass-fibre or other composite materials...
- **flexible fuel bladders** which can be integrated in composite shells (with peripheral equipments)

**Self-Sealing Protection
of Metal or Plastic Tanks**

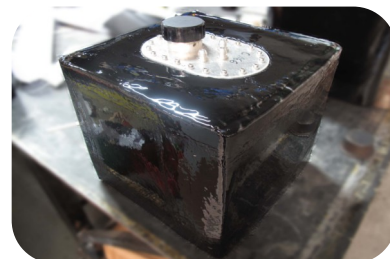


KEEP YOUR AUTONOMY

The flexcell® **self-sealing protection** is designed to reduce &/ or stop leakage when vehicles are under fire & need to keep their autonomy to escape safely from warfare areas. It is used on any kind of ground vehicles, civilian or military, armoured or not, off-road,... with fuel (or other liquids). *Aeronautic versions also available (crashworthy).*

BALLISTIC & INNER ANTI EXPLOSION PROTECTIONS

The **self-sealing** wall is adapted to the requested protection level and to the NATO 5.56mm, 7.62mm & 12.7mm calibres. The walls seal after bullet perforation and hold most of the fuel in. An inner anti-explosion system allows the tank to stand bullet crossing & slows it at the same time.



Simtech offers along with its products the possibility to conduct **self-sealing** tests performed in independent European ballistic laboratories to comply with the required protection level.



Our engineering department is ready to discuss **your self-sealing needs** & bring advice where & how to position these protections **on your existing tanks** or **design complete new ones** including self-sealing properties from a simple available space for new vehicle designs.

Simtech remains at your disposal to study your projects.

