



SISTEMI INDUSTRIALI

The noise of silence

The Oil & Gas market requires always integrated systems and innovative products. For this reason our products and services are "customer oriented" with technical solutions aimed to solve special requirement from our customer.

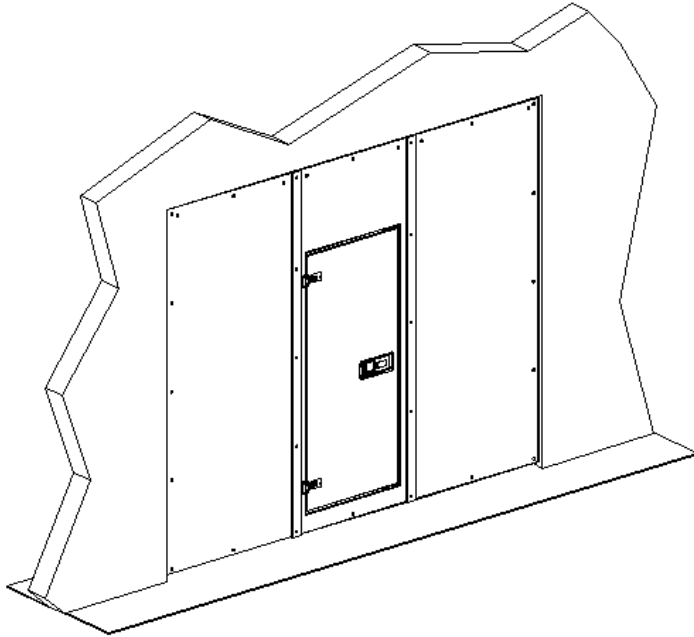
For offshore applications, the market requires technical solutions to reduce the overall weight, with high corrosion resistance and easy handling of components.

The soundproofing enclosures made with composite panels fully meet these characteristics.

- **Low weight - 33 % compared to Carbon Steel equivalent**
- High resistance to chemical agents
- High impact resistance
- High corrosion resistance



Panels and doors have been acoustically characterized by laboratory testing to measure the acoustic performance.



The most interesting acoustic data found are detailed below.

- Weighted sound absorption coefficient a_w according EN ISO 11654-1998

a_w : 0,80

Sound Absorption Class : B

- Measurements of airborne sound insulation according EN ISO 10140-2-2010, EN ISO 717-1-2013

Single number of Sound reduction Index

R_w : 37 dB

Sound reduction index "R" [dB]

