

GALVAR TECHNOLOGY - ADHESIVE BONDING INSTEAD OF WELDING

GALVAR is a proprietary, patented technology for bonding metal sheets without welding. In **GALVAR** outdoor enclosures, the components are connected using bonding and rivets.



HIGH CLASS
CORROSION C4

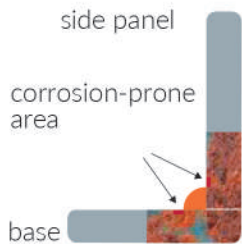


Patented technology
Pat. 237638

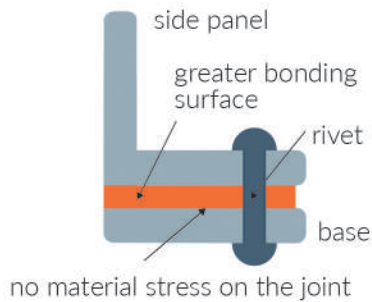
GALVAR

BONDED ENCLOSURES

Welding



Adhesive bonding



The **GALVAR** technology is ideally suited to transport infrastructure, as well as pumping stations, sewage treatment plants, automation, air conditioning, ventilation or camera control - wherever there is a need for a higher corrosion class.

The product range includes various enclosure dimensions to suit every application. We offer small and large-scale enclosures. **There are 63 standard sizes** to choose from in each option. In addition, we can supply any size to suit the required needs.



Advantages of GALVAR technology:

- The zinc layer remains intact
- IP rating 66
- Possibility of combining different materials
- An environmentally friendly solution
- 5 year warranty (optional)



GALVAR TECHNOLOGY + THERMAL INSULATION

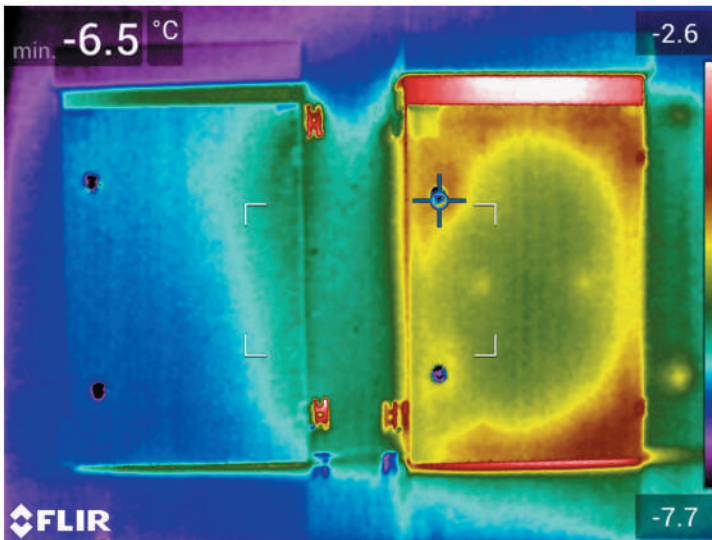
Thermal insulation of control cabinets consists of insulating all the walls of the enclosure with an insulating material that reduces the thermal transmittance ($<0.045 \text{ W/mK}$). The use of thermal insulation reduces the costs associated with heating the interior in winter and cooling in summer.

We offer thermal insulation in PREMIUM and EKO versions, distinguishing between the RSA, SZA and RSB, SZB, SZS series of types.

Tests on the effectiveness of the use of **Premium 20 mm thermal insulation (20 mm thick insulation between two layers of sheet metal)** in the cabinets showed the high efficiency of the solution.

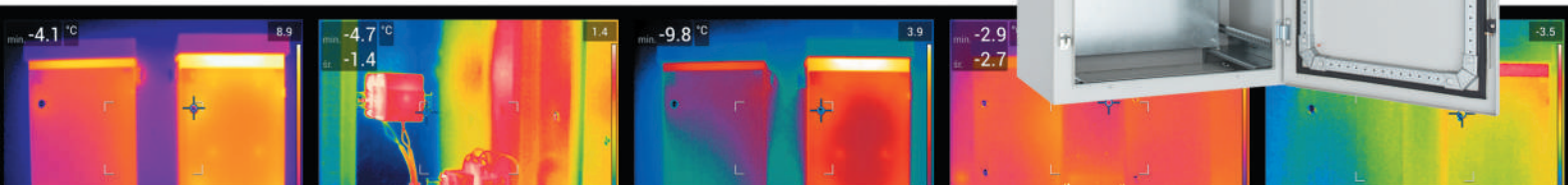


Example of a cabinet with Premium thermal insulation



From the left, Galvar enclosure with Premium 22 mm thermal insulation fitted, from the right, similar enclosure without thermal insulation.

In both enclosures, a 150 W heat source is included. You can clearly see the difference showing the heat loss through the enclosure without thermal insulation.



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