

## SPECIALIST IN SOUND AND NOISE CONTROL

Custom industrial solutions



IC designs, supplies and installs soundproof insulation solutions in the broadest sense of the word. The projects are often carried out in combination with other activities such as the construction of steel structures and the installation of lighting and HVAC systems. The projects can be carried out in new industrial buildings and existing situations, both onshore and offshore.

### THE RESULT

- Significant noise reduction
- Design and material selection tailored to the application
- "Make-over" possible
- Short lead times



## BACKGROUND

Loud noise can be very harmful. Certain installation components can produce noise levels well above 110 dB. Legal requirements apply for the maximum noise exposure of personnel in terms of intensity and duration. In addition, requirements with regard to maximum noise emissions in the environment, set by, for example, the Public Nuisance Act, can be very strict, especially during the evening hours.

## THE CHALLENGE

The biggest challenge lies in the very strict requirements that apply to sound insulation. Failure to meet the requirements regularly leads to temporary closure of installations, in addition to other high direct and indirect risks. The implementation of industrial sound insulation is custom work that requires expertise and craftsmanship at the highest level, both from designers, work planners, suppliers, production staff and the assembly team.



## DESIGN

A first design and action plan can be made based on the measured or simulated noise levels and the client's wishes. An approved system is usually achieved after a number of consultations, whereby the design may consist of sound barriers, handy cabinets with quick-release fasteners, box-in-box systems, but also of complete booths with a capacity of more than 400 m<sup>3</sup>.

## THE SOLUTION

A good sound insulation system ensures that requirements set by the client and third parties are met, while limitations of the process installation and its surroundings must be taken into account for the design and execution. It is also possible to do a make-over as part of the sound proofing project, whereby parts such as heavily corroded doors and panels are fully repaired. The effectiveness of a project often depends on the mutual cooperation and flexibility. With IC as main contractor, this is guaranteed. Multiple unique sound projects have been completed successfully, supported by a combination of a practical attitude, thinking out of the box, expertise and craftsmanship.



## CONTACT OUR SPECIALIST TEAM

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