

OBJECT OF THE MONTH

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SILICON METAL PRODUCTION PLANT, ICELAND

In Iceland, one of the world's most modern and most environmentally friendly production plant for silicon metal was established and commissioned in 2018. Silicon metal is for example used as an aluminium alloying element as well as in the chemical industry for the siloxane and silicone production.

The production process is very energy-intensive, which is the reason why Iceland with its abundant geothermal and hydro-power potential and comparatively low electricity costs has proved to be a suitable site.

The ventilation system of the state-of-the-art facility features multi-leaf dampers designed by PICHLER for pressure and volume flow variation of the air flows.

DATA & FACTS

Location: Húsavík (Iceland)

Completion: 2018

Type of building: Industry

Builder: PCC BakkiSilicon hf.

Building technology: M+W Central Europe GmbH

Products: 115 pieces multi-leaf dampers

Product groups:

AIR
CONDUCTION

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