



Ceiling air diffuser INDUTHERM



Seit 1877

Kiefer

Luft- und Klimatechnik

Neue Wege mit Luft

World Heritage Site: Zollverein Essen

Zollverein Essen is a World Heritage Site in the middle of the Ruhr industrial area, an imposing ensemble in which renowned architects such as Sir Norman Foster and Rem Koolhaas have left their mark. Zollverein Schacht XII was built at the end of the 1920s by architects Fritz Schupp and Martin Kremmer, and became a prime example of industrial architecture – its unostentatious stylistic idiom became a model for the rational aesthetics of many more industrial structures. Its conversion for a new use was supervised by the Heinrich Böll architectural office. Cautious treatment of the existing basic fabric and the new requirements have resulted in a correspondence between the classical modern and existing architectural languages. But beyond any architectural considerations, the Zollverein is a symbol of an epoch in which generations of miners sweated to dig "black gold" out of the ground.



Photo © Thomas Willemsen

View from the escalator to the coal washing plant

Function ceiling air diffuser INDUTHERM

INDUTHERM enables comfortable cooling and powerful heating. When cooling, the diffuser operates as a highly inductive swirl air diffuser. As the supply air temperature rises (heating mode), it switches automatically and without an external power supply to feeding air vertically with great penetration depth.

System advantages

- Switches automatically from cooling to heating without an external power supply.
- High thermal comfort due to draught-free air supply
- Rapid heating of cold rooms
- Attractive design

Building:	World Heritage Site: Zollverein Essen Coal washing plant
Architects:	Heinrich Böll Essen
Proprietor:	EGZ – Entwicklungsgesellschaft Zollverein mbH, Essen
Consultant, building services:	Ingenieurbüro Winter Düsseldorf
Linear diffuser system:	Ceiling air diffuser INDUTHERM
Scope:	8,000 m² conditioned area

