



# Chilled Ceiling Panel INDUCOOL



Seit 1877

# Kiefer

Luft- und Klimatechnik

Neue Wege mit Luft

## Hotel Le Royal Méridien, Hamburg

Dining with a view. The hotel Le Royal Méridien offers you just that in the hotel's own Restaurant Le Soleil. From all eight floors the guests here have a fantastic view over the Outer Alster. Air-conditioning is here a question both of well-being and of design. Stringent technological and design requirements are combined in a harmonious, functional whole.



Photo © Joi-Design, Hamburg

### Function INDUCOOL

INDUCOOL cools with air and water. Most of the thermal energy is removed quickly and economically by cooling water. High-quality air diffusers ensure a high degree of comfort and optimum air distribution.

### System advantages

- Greater thermal comfort with low air velocity
- Chilled ceiling panels require only 5-10% of ceiling area
- Reduced energy costs by exploiting the cooling potential of outdoor air
- High cooling capacity, up to 500 W/m
- Integration of cooling panels into all common ceiling systems
- A full-surface cooling-water system is not required

<b>Building:</b>	<b>Restaurant Le Soleil in Le Royal Méridien, Hamburg</b>
<b>Interior architects:</b>	<b>JOI-Design Hamburg</b>
<b>Proprietor:</b>	<b>Hotel Le Royal Méridien Hamburg</b>
<b>Consultant, building services:</b>	<b>Ingenieurgesellschaft mbH epm Essen</b>
<b>Ventilation system: component</b>	<b>INDUCOOL chilled ceiling panel</b>
<b>Type of ceiling:</b>	<b>Plasterboard ceilings</b>
<b>Scope:</b>	<b>250 m<sup>2</sup> conditioned area</b>
<b>Active ceiling area:</b>	<b>&lt; 10 %</b>
<b>Specific cooling load:</b>	<b>60-120 W/m<sup>2</sup></b>
<b>Specific air flow:</b>	<b>10-15 m<sup>3</sup>/hm<sup>2</sup></b>

