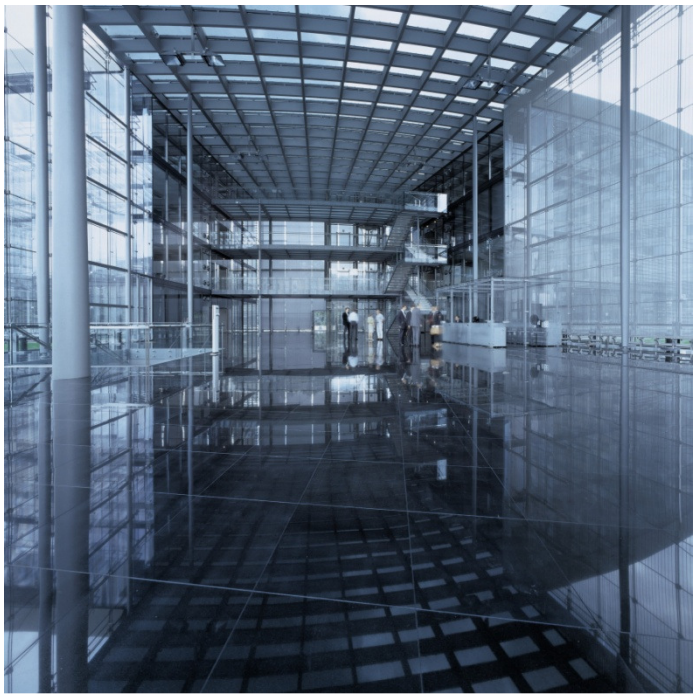
Phone: +49 (0) 9383/203-603
floorsystems@mero-tsk.de
www.mero.de

Bayer, Leverkusen - Germany

Client:	**Bayer Leverkusen**
Architect:	**Helmut Jahn, Chicago, IL (USA)**
Floor Systems:	**12,000 sqm access floor**
Completion:	**2002**



Noble granite called “Nero Assoluto“ was chosen for the entrance hall, which is approx. 1,000 sqm. The foyer temperature is regulated by means of MERO Type 4, a combined floor heating and cooling system. This construction utilizes the high heat conductivity of metal tubs which are filled with anhydrite.

As a result of choosing this design, the highest possible degree of flexibility is guaranteed: additional low-lying bearing pads for a thermo-cassette are hung into the bearings of the pedestal heads. At the top, this cassette is covered with a metallic thermo-sheet with longitudinal swages. The synthetic pipes of the heating system are clipped into those swages.

For maintenance works and upgrading purposes, the heating pipes can thus be unclipped so that the thermo-cassettes underneath can be taken out or removed.

This easy access makes it possible to keep the heater circuit units in the hollow space of the access floor. In the project at hand, this led to a significantly lower loss of heat and a high cooling performance of 40-42 W/sqm which, in relation to the entire space, is equivalent to a total cooling capacity of 32 KW.

The porter‘s office with people coming and going all the time was equipped with its own heating circuit, featuring higher flow temperatures and a separate cooling system.