

New Office Building Schwarzmueller GmbH Hanzing - Austria

Client:	Schwarzmueller Freinberg
Architect:	Donath + Bickel, Munich
Design:	Hofbauer Ingenieurbüro Deggendorf
Assembly:	Laskowski Systemboden Feldkirchen
Floor System:	2,000 sqm Hollow Floor Combi A Thermo
Completion:	2008

This new office building required about 79,000 watts heating power and 39,000 watts cooling capacity spread over an area of 2,000 sqm hollow floor type MERO Combi A THERMO (certified according to DIN).

According to the preliminary planning, the 10,200 m Uponor PE-Xa 17x2 heating pipes were installed in 112 heating circuits allowing later drilling for power supply units without any problem. The fifteen distributors were mounted space-saving onto the concrete floor and are easily accessible through inspection openings. All connecting lines were provided with an additional insulation and installed directly on the concrete floor. This minimizes the loss of heat and cooling energy.

