ENERCRET

Energy moves intelligently Significant investment and energy cost savings with ZORTSTROEM technology

Zortstroem by Zortea, Austria











Here is a brief look at the huge investment and energy cost savings that could be achieved with ZORTSTROEM technology



EUROTOWER - FRANKFURT, GERMANY

40 Floors with office space of 46.00m²

Energy costs per year before conversion: 4 million euros

Energy costs per year after conversion: 2.7 million euros

Investment costs for the renovation: 2 million euros

Energy cost savings per year:

Source: IPP Technical planning AG, Dipl, Harald Hess-Quint

IGP Sportpark Bergholz - Wil, Switzerland

Total area: 135m² which includes swimming pools, ice and football stadiums, saunas, sports fields and restaurants

Optimum and efficient hydraulics after renovation savings with ZORTSTROEM technology, Costs per year:

115,600 Swiss francs

1.3 million euros

Source: Th. Huonder + Partner AG

Wholesale bakery Olz, Dornbirn, Austria

Renovation and expansion of the production area by 4.300m²

Annual savings with ZORTSTROEM

295,000 Kwh

Source: Source: Rudolf Ölz Meisterbäcker GmbH & Co. KG, Wolfgang Rusch

ENERGY MOVES INTELLIGENTLY

ZORTSTROEM is the hydraulic zero point every heating and cooling system The specially installed dividing places, inflow tubes and turbulators ensure a perfect hydraulic distribution the incoming and outgoing media.

The ZORTSTROEM technology

The elimination of hydraulic problems in heating and cooling system was the starting point for the development the ZORTSROEM technology. Based on years of experience, specially functioning dividing plates were used for this purpose. By means of the specially developed calculation program (EAF-JI), the distances between the unique

Dividers with laterally offset special openings calculated. This innovative combination forces a cross-flow and temperature separation. With the help of the amounts of incoming and outgoing media, the distances between the dividing plates calculated. In addition, the tube constructions and built-in turbulators allow comprehensive temperature compensation within each ZORTSTRÖM level. This ensures the hydraulic decoupling.

ZORTSTROTEM in production









