

## Production Hall Meusburger, Austria



Picture source: AEE INTEC

Architectural integration of solar thermal energy systems

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Commercial building with solar collectors integrated in both roof and façade

### PROJECT

Meusburger, a leading supplier of high quality standard moulds and accessories for the injection moulding market, has installed solar collectors on south oriented roof and facade of its new production hall in Wolfurt, Voralberg.

The solar system - 66 m<sup>2</sup> solar collectors integrated in the roof and 84 m<sup>2</sup> solar collectors integrated in the façade, is contributing to space heating. A floor heating system is used for heat distribution.



Picture source: AEE INTEC

## Key figures

- 66 m<sup>2</sup> roof integrated solar collectors
- 84 m<sup>2</sup> façade integrated solar collectors
- Three stratified water heat stores: 2 x 5.000 L and 1 x 1.000 l
- Floor heating

The solar system contributes to space heating. A gas boiler is used for auxiliary heating.

### **Solar collector:**

Glazed flat plate water collector

### **Collector producer:**

Roskopf, Black Crystal



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