

OBJECT OF THE MONTH



Primary school Arnoldstein

The primary school Arnoldstein was fully renovated from June to September 2016 at a cost of € 1.3 million. The school rebuilding project covered a gross area of 4 464m² and was, thanks to its exemplary thermo-electrical renovation concept, supported by the **Climate and Energy Fund** in the amount of almost € 662 000.

Since the successful project demonstrated the lowest thermal energy requirement of all model Carinthian renovations, it was also awarded the **"klimaaktiv Gold"** quality seal (978 out of a maximum of 1000 climate active points).

A **main air conditioning unit (heat recovery 85%)** was installed in the central section loft for **controlled ventilation** and optimal ambient air quality in the classrooms, also for significant reduction of ventilation heat loss.

A further unit was installed in the basement of the old building. The exhaust air feeds to the outside on the northern side (gable wall – central section), where the fresh air is also drawn in.

DATA & FACTS

Location: 9601 Arnoldstein, Carinthia

Completion: September 2016

Type of building: Primary school

Architecture: Gerhard Kopeinig, ARCH+MORE ZT GmbH

Builder: Marktgemeinde Arnoldstein

Building technology: Zoppoth GmbH

Products: Ventilation units, Silencers, Air pipes, Fittings, Valves, Fire dampers

Product groups:

