

OBJECT OF THE MONTH



Primary school Mariagrün, Graz

The new primary school Mariagrün building was inaugurated in September 2014. The primary school is the **first passive house standard school** in Graz, boasting an **A++ energy efficiency class**.

Tenders for the ultramodern and innovative building were invited from across Europe, finally to be awarded to well-known **Architects Philip Berkold and Christoph Kalb** from Dornbirn.

Three indigenous types of timber were used for the wooden structure: Spruce was used for the structure and fir and larch for the façades.

Air conditioning in such a well insulated building will naturally be a central point of concern. The controlled air conditioning system with heat recovery circulating up to **3000 m³ of air per hour** clearly offers passive houses a central and refreshing "fringe benefit": No muggy areas will be found in this school, not even in winter.

The flagship project was nominated for the 2015 **Austrian State Award for Architecture and Sustainability** and was rated Gold by "klima:aktiv".

DATA & FACTS

Location:	8010 Graz, Styria
Completion:	August 2014
Type of building:	School/college (mixed)
Architecture:	Architekturwerk Berkold Kalb
Builder:	City of Graz, GBG Graz
Building technology:	Hübl GmbH
Products:	LG 180, LG 250, LG 3200, LG 4000
Product groups:	

COMFORT
VENTILATION

