RHEINZINK®

# SCHOOL HADERSDORF

## Vienna, Austria

**Client**
Magistrat der Stadt Wien MA 34 Bau- und Gebäudemanagement
Vienna
Austria

**Design Architect**
Stadt Wien MA 19 - Architektur
Vienna
Austria

**Supervising Architect**
Stadt Wien MA 19 - Architektur
Vienna
Austria

**Architect/Planner**
Stadt Wien MA 19 - Architektur
Vienna
Austria

**Contractor**
Peter Hartmann Ges.m.b.H.
Vienna
Austria

**Technical Specifications**
Facade: 3,600 $m^2$, 25 t, Angled Standing Seam System, Flat Lock Tile System
RHEINZINK-prePATINA blue-grey

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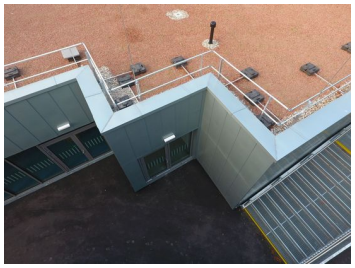
Peter Hartmann Ges.m.b.H.

Commissioned by the City of Vienna, a highly energy-efficient school building was erected. In addition to the use of geothermal probes for geothermal energy and a PV system, the selection of building materials focused on sustainability and durability. For the façade, the decision was made to use a ventilated system made of RHEINZINK, which forms a natural protective layer and thus provides a maintenance-free surface.

Viewing the façade from top to bottom, it begins with a vertically oriented angled standing seam façade, utilizing different panel widths optimized for material efficiency. Wherever a row of windows interrupts the angled standing seam façade, the architectural specification required a system change from angled standing seam to flatlock tiles. This creates a smooth appearance immediately below the windows, which extends vertically up to the top of the building.

Due to the large number of penetrations, such as trellises and windows, flexibility was required in the

layout of the elements and the selection of the correct panel widths. Both the angle standing seam elements and the flatlock tiles were manufactured by Peter Hartmann GesmbH from RHEINZINK-prePATINA ECOZINC bluegrey with a material thickness of 0.8 mm.