



Site report

**HAKAfloor: The intelligent drywall component for underfloor heating.**

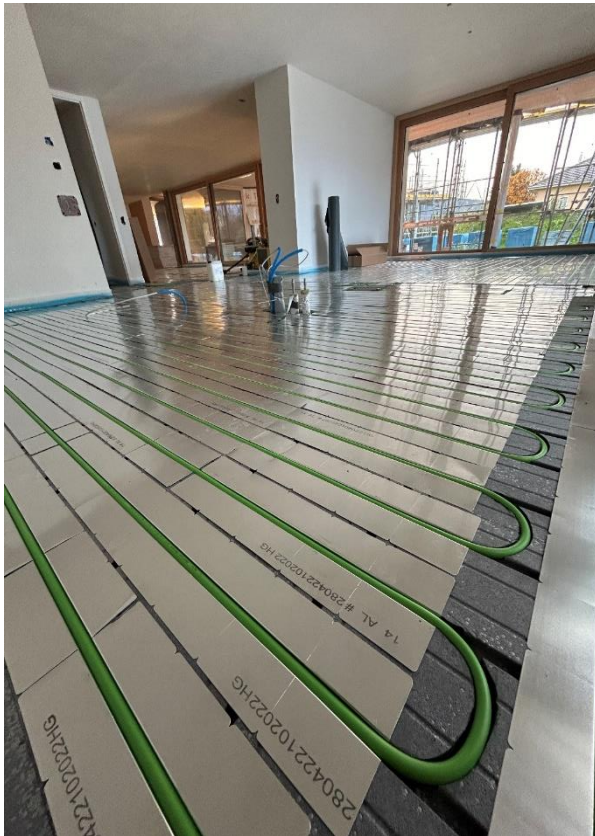
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Conversion and new construction of a detached house for the Sieber family, CH-9443 Widnau

## Project description

The client's aim was to remodel the existing parental home and extend the living space. Due to material properties, almost the entire existing part of the house had to be demolished. The central section was rebuilt in the previous style and extensions were planned and completed on both sides. The result is a modern, spacious single-family house in a beautiful location in the Middle Rhine Valley.

The HAKAfloor drywall component for underfloor heating was installed in the central section of the existing base plate. The very low installation height of HAKAfloor made it possible to maximise the room height and create an open and pleasant ambience.



Kitchen and dining room







## Floor structure

The high-strength HAKAfloor EPS installation panels were bonded to the on-site PUR insulation with the corresponding power primer.

The flexible metal composite pipe was installed in the aluminium heat-conducting slats and covered with the self-adhesive decoupling mat.

Next, the floor levelling compound compatible with the HAKAfloor component was poured.

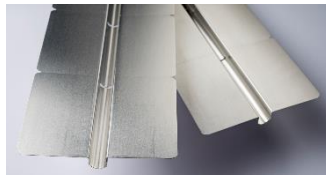
The client opted for a multi-layer parquet floor as the top layer.

Living room and bar area



## Products used

- EPS adhesive – power primer
- EPS installation panel 112 × 26 × 2 cm
- Aluminium heat-conducting slats 100 × 13.6 cm
- HAKAfloor metal composite pipe 14 × 2 mm
- Decoupling mat HAKAfloor 20 × 1 m
- Floor levelling compound incl. fibre reinforcement



### **Statement Forster Haustechnik AG, Roland Eschenmoser**

We were impressed by the simplicity and efficient installation of the system components.

### **Statement building services planner, Engineering Office, Thomas Zünd**

I very much appreciated the assistance and advice provided during the tendering process for the system and the support during the technical construction management.

### **Statement Spirig Partner AG, Architekten FH, Camillo Fehr**

The HakaGerodur construction support was very helpful, thank you very much.

### **Statement by the client, the Sieber family**

We are delighted with the new sense of space thanks to the high ceilings and are looking forward to our new home with modern and energy-efficient underfloor heating.

Retaining the old floor level in combination with the new underfloor heating added considerable value to our property.

## Project data

### Building services planner



Ingenieurbüro  
Thomas Zünd  
Auenstrasse 45  
CH 9451 Kriessern  
tz@zuendplan.ch  
www.zuendplan.ch

### Installer

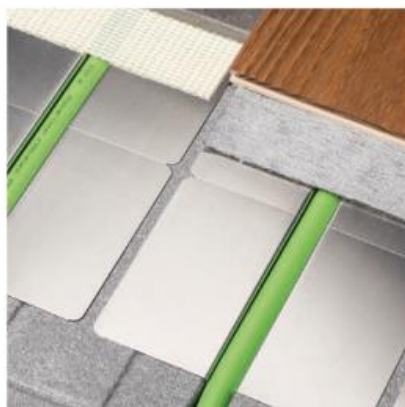
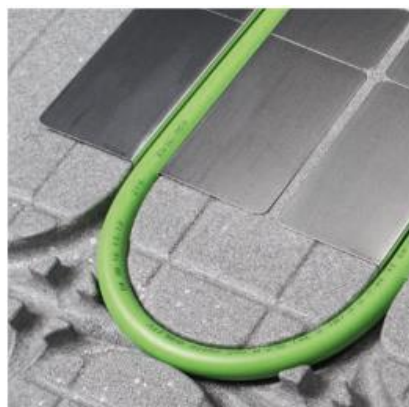


Forster Haustechnik AG  
Littenbachstrasse 35  
CH-9442 Berneck  
info@forster-haustechnik.ch  
www.forster-haustechnik.ch

### Architect



Spirig Partner AG  
Architekten FH  
Rütistrasse 23  
CH 9443 Widnau  
info@spirigpartner.ch  
www.spirigpartner.ch



HakaGerodur AG  
Mooswiesstrasse 67  
CH-9201 Gossau SG  
T +41 (0)71 388 84 84  
www.hakagerodur.ch