

## REFERENCE

# Two-Family Home in Syke, Germany

### Construction measures

- Wood preservation – Wood houses / wood facades

### Type of object

- Single and two-family homes

### Brief description

The two-family home follows the triangular form of the property and with its 45° angles is rather special from an architectural viewpoint. The solid-looking north-west facade made of smooth, white, pre-fab concrete elements which has few window openings forms a quiet closure to the bordering woods compared to the south, south-west and west facades made of natural coloured wooden slats with large window elements.

### Problem to be solved

Since periods in which wood will have increased moisture can be pretty long in northern Germany, the use of a high quality, durable type of wood, Siberian larch, was selected for the facades of this object. In this case, all parts of the house exposed to the sun or which had little shade were faced with a ventilated wood facade. On the north-west facade, long roof eaves prevent the penetration of storm water. The north-east facade which has little sun is also shaded by the immediately adjoining high trees in the woods. Even with a

### Product systems used / size

**Wood preservation – wood houses / wood facades**  
Induline UV LW 786



sufficiently long roof eave, the wood facade is at risk on this side. The entire wood facade was treated with the patented Induline UV Coating. This UV varnish is an ideal combination of binders, UV absorbers and photo initiators. Instead of the pigments usually found in conventional stains, the Induline UV system has "clear pigments" or "radical scavengers" that convert the UV-rays from the sun into heat. The solvent-free Induline UV system also has the best rating for its resistance to yellowing, UV permeability, hail impact and scratch resistance.

### Client

Carsten Juljus, Hamburg

### Planner

architectur - atelier  
Prof. Reinhard Bartolles, Süstedt

### Executing company

Dreyer & Hillmann, Bremen

### Completion

2006/2007

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