

Reference

PLEXIGLAS®

Single-family home with PLEXIGLAS® Mineral façade



Market segment

Industrial Construction & Architecture,
Roof and façade

Location

Fürth, Germany

Product

PLEXIGLAS® Mineral BV, 10 mm, 140 m²

Fabricator

Ebener Fassadentechnik, Marienberg (Germany)

Architect

Hiplert & Kretschy Architekten, Fürth

Constructor

Private construction project

Selection criteria

- Homogeneous matte surface and the ability to produce floor-to-ceiling elements from a single unfinished sheet
- The ability to form seamless external corners and jambs was very important for the constructor's design concept and a key factor in the decision.



Application description

Metal, box-like frames are folded into bands to create the cubic features of this single-family home in Fürth, Germany. Filled in with floor-to-ceiling windows and demonstrably functional panels of white PLEXIGLAS® Mineral, these features give the home an extravagant look. To emphasize the differences between the two wings of the building, the cladding panels were arranged in either a consistently horizontal or consistently vertical layout. For the parts of the home with vertical windows, the polished, uniformly colored edges of the floor-to-ceiling panels extend just up to the edge of the glass, thereby concealing the guide rails for the external window blinds. The horizontal panels were likewise installed at their full production length of over 4 meters – a size large enough to all but eliminate the need for seams and create a virtually undisrupted surface of white, delicately satinized PLEXIGLAS® Mineral.

Evonik Performance Materials GmbH

Acrylic Polymers

Kirschenallee, 64293 Darmstadt, Germany

info@plexiglas.net www.plexiglas.net www.evonik.com