

Handrail 30/30 mm, square steel

Insulation board 50 mm 0,021 W/mK

Punctual wooden blocks

Moisture barrier

Fassade and parapet system:

Glass - Glass modules

with PVB, Black,

ESG 4 mm (front)

ESG 6 mm (back),

Frontglas Albarino T

Backrail vertical

Air and vapour tight connection

Constructive fastening with steel

Mounting bracket horizontal

Moisture barrier on mortar bed

Mortar bed 20 mm

Cable entry tube 4x40mm

External plaster 15 mm

Thermal insulation Swisspor XPS KF

300 Standard SF 180 mm

Concrete 250 mm

Plaster 5 mm

Facade membrane Black

Thermal insulation 15 mm

Wooden wall columns 60/200 mm C-C 600 mm

OSB 15 mm

Cavity for installation isolated 600 mm

Fermacell plastoband 15 mm

Isolation upstand to perimeter

Floorfinish 15 mm

Floorscreed, incl. heating pipes 75 mm

Impact sound insulation 30 mm

Reinforced concrete 250 mm

Project name

Ap. building in Zurich - Höngg

Plan name

Vertical Section - Window

Source of detail

Kämpfen Zinke + Partner AG

Badernstrasse 571

CH-8048 Zürich

Scale

A3 - 1:5

0 5 10 20

Redrawn by

Date of creation

ETHZ / ISAAC SUPSI

24.05.2021

SOLARCHITECTURE
sun as a building material

ETH zürich / SUPSI