

Brick wall 175mm
 Bracket with GRP element
 225mm
 Horizontal L-profile in aluminium
 Rock wool with black fleece
 200mm
 Vertical battens - Painted black
 30x60mm
 Photovoltaic module - 4mm
 structured front glass with pattern
 RAL 8015 - monocrystalline cell -
 4mm black printed rear glass

Bracket with GRP element
 170mm
 Horizontal T-Profil Alu
 Rock wool with black fleece
 160mm
 Vertical backrail for mounting
 photovoltaic module
 Black EPDM tape
 Photovoltaic module - 4mm front
 glass with white matt Solaxess
 film - Monocrystalline cell - 4mm
 rear glass

Wooden metal windows 3-fold
 insulating glazing
 Guide rail for slat blinds

Window reveal aluminium - white
 enamelled 2mm
 Window sill aluminium - white
 enamelled 2mm

Simplified representation of the substructure of the white PV modules

Project name
 MFH Männendorf

Plan name

Isonometry

Source of detail

René Schmid Architekten AG

Scale

A3 - 1:10 0 10 20 40

Redrawn by

BUK-ETHZ

Date of creation

22.07.2021

 SOLARCHITECTURE
 sun as a building material

 BUK / ETH zürich