



BRNO UNIVERSITY OF TECHNOLOGY

VYSOKÉ UČENÍ TECHNICKÉ V BRNĚ

FACULTY OF CIVIL ENGINEERING

FAKULTA STAVEBNÍ

INSTITUTE OF BUILDING STRUCTURES

ÚSTAV POZEMNÍHO STAVITELSTVÍ

HOUSE WITH TATTOO STUDIO

RODINNÝ DOM S TETOVAČÍM ŠTÚDIOM

LIST OF ELEMENTS

BACHELOR'S THESIS

BAKALÁRSKA PRÁCA

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SUPERVISOR

VEDÚCI PRÁCE

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BRNO 2025

SPECIFICATION OF EXTERIOR WINDOWS AND DOOR

REQUIRED PARAMETERS

Plastic chamber profile with thermal break.

Thermal transmittance of window $U_w \leq 0,50 \text{ W}\cdot\text{m}^{-2}\cdot\text{K}^{-1}$

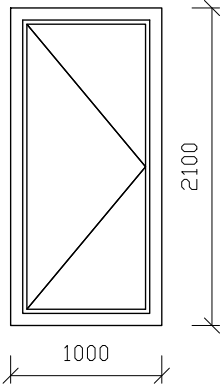
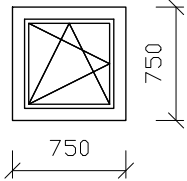
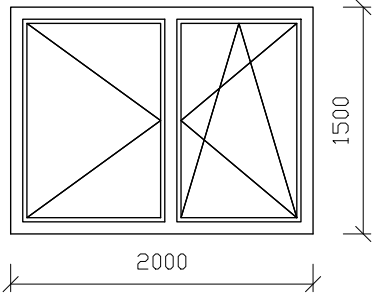
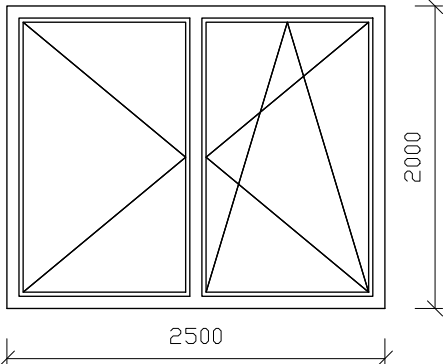
Thermal transmittance of door $U_d \leq 0,8 \text{ W}\cdot\text{m}^{-2}\cdot\text{K}^{-1}$

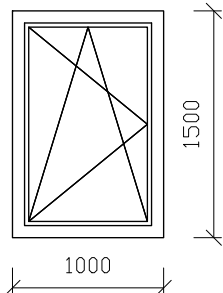
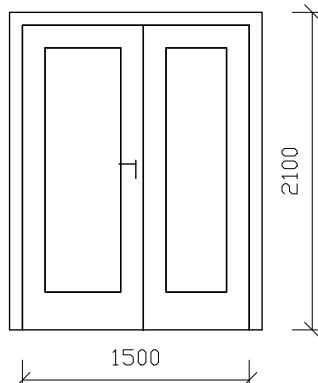
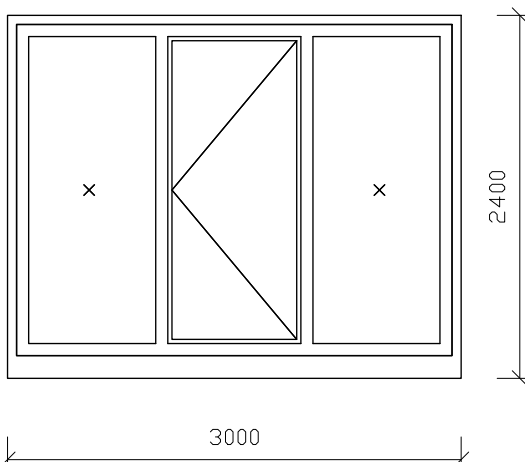
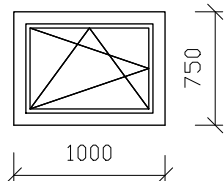
Window permeability class 4 according to EN 12207
Watertightness class 9A/7A according to EN 12208
Wind load resistance class 3 according to EN 12210
Airtightness class 4

Color:
Exterior side (frame and sash): RAL 7016 – anthracite grey
Interior side (frame and sash): RAL 7016 – anthracite grey

Glazed constructions must be produced in accordance with:
Decree No. 268/2009 Coll. on technical requirements for buildings
Decree No. 398/2009 Coll. on general requirements ensuring barrier-free building use
Government Regulation No. 101/2005 Coll. on specific requirements for workplaces and working environments

Window fittings:	Standard fittings
	Handle – handle, matte brushed stainless steel
Door fittings:	Standard fittings
	Handle – handle, matte brushed stainless steel

SYMBOL	SCHEME	DESCRIPTION	ks
W01		EXTERIOR SINGLE-WING WINDOW Specification: see general specification External window sill: see sheet metal products Internal window sill: see carpentry products Accessories: standard fittings	1
W02		EXTERIOR SINGLE-WING WINDOW Specification: see general specification External window sill: see sheet metal products Internal window sill: see carpentry products Accessories: standard fittings	3
W03		EXTERIOR DOUBLE-WING WINDOW Specification: see general specification External window sill: see sheet metal products Internal window sill: see carpentry products Accessories: standard fittings	5
W04		EXTERIOR DOUBLE-WING WINDOW Specification: see general specification External window sill: see sheet metal products Internal window sill: see carpentry products Accessories: standard fittings	2

SYMBOL	SCHEME	DESCRIPTION	ks
W05		EXTERIOR SINGLE-WING WINDOW Specification: see general specification External window sill: see sheet metal products Internal window sill: see carpentry products Accessories: standard fittings	9
W06		EXTERIOR SINGLE-WING DOOR WITH SIDE LIGHT Specification: see general specification External window sill: see sheet metal products Internal window sill: see carpentry products Accessories: standard fittings	2
W07		EXTERIOR SINGLE-WING WINDOW WITH TWO SIDE LIGHTS Specification: see general specification External window sill: see sheet metal products Internal window sill: see carpentry products Accessories: standard fittings	1
W08		EXTERIOR SINGLE-LEAF WINDOW Specification: see general specification External window sill: see sheet metal products Internal window sill: see carpentry products Accessories: standard fittings	5

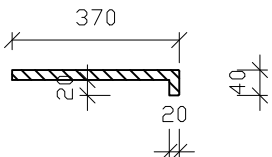
SYMBOL	SCHEME	DESCRIPTION	
K1		OUTER WINDOW SILL MATERIAL: ALUMINUM TH. 0.6 mm COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS: W×L, 130×2500 mm SURFACE: SPRAYED AND PAINTED	
K2		OUTER WINDOW SILL MATERIAL: ALUMINUM TH. 0.6 mm COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS: W×L, 130×750 mm SURFACE: SPRAYED AND PAINTED	
K3		OUTER WINDOW SILL MATERIAL: ALUMINUM TH. 0.6 mm COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS: W×L, 130×2000 mm SURFACE: SPRAYED AND PAINTED	
K4		OUTER WINDOW SILL MATERIAL: ALUMINUM TH. 0.6 mm COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS: W×L, 130×1000 mm SURFACE: SPRAYED AND PAINTED	
K5		PARAPET WALL FLASHING MATERIAL: GALVANIZED STEEL SHEET, TH. 0.55 mm COLOUR: ANTHRACITE, RAL 7016 SURFACE: SPRAYED AND PAINTED TOTAL WIDTH: 680 mm	
T1		INNER WINDOW SILL MATERIAL: WOOD COLOUR: WASHED OAK DIMENSIONS: W×L, 370×2500 mm SURFACE: SPRAYED AND PAINTED	
T2		INNER WINDOW SILL MATERIAL: WOOD COLOUR: WASHED OAK DIMENSIONS: W×L, 370×750 mm SURFACE: SPRAYED AND PAINTED	
T3		INNER WINDOW SILL MATERIAL: WOOD COLOUR: WASHED OAK DIMENSIONS: W×L, 370×2000 mm SURFACE: SPRAYED AND PAINTED	

SYMBOL

SCHEME

DESCRIPTION

T4



INNER WINDOW SILL
MATERIAL: WOOD
COLOUR: WASHED OAK
DIMENSIONS: W×L, 370×1000 mm
SURFACE: SPRAYED AND PAINTED