

# BRNO UNIVERSITY OF TECHNOLOGY

VYSOKÉ UČENÍ TECHNICKÉ V BRNĚ

## FACULTY OF CIVIL ENGINEERING

FAKULTA STAVEBNÍ

## INSTITUTE OF BUILDING STRUCTURES

ÚSTAV POZEMNÍHO STAVITELSTVÍ

## MUNICIPAL CENTRE IN NIVNICE

MUNICIPAL CENTRE IN NIVNICE

## LIST OF ELEMENTS

### MASTER'S THESIS

DIPLOMOVÁ PRÁCE

### AUTHOR

AUTOR PRÁCE

Bc. Barbora Husárová

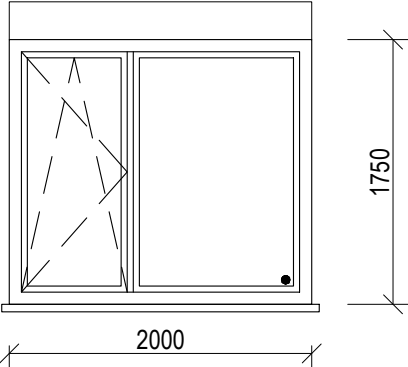
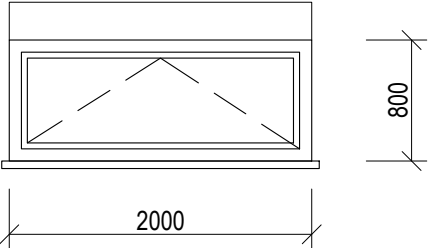
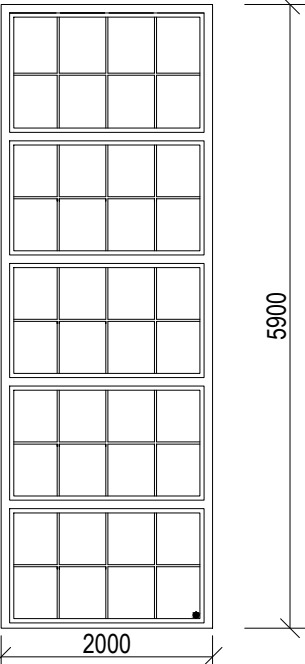
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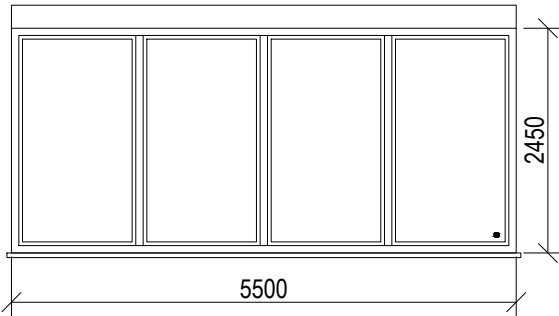
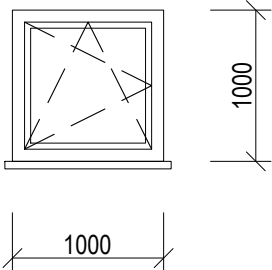
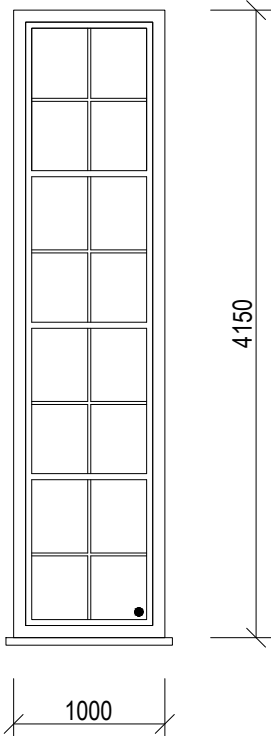
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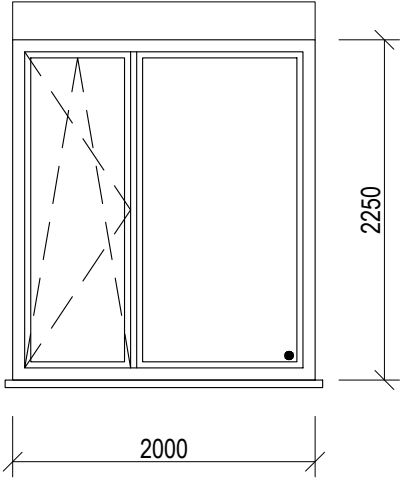
Ing. Jan Müller, Ph.D.

BRNO 2025

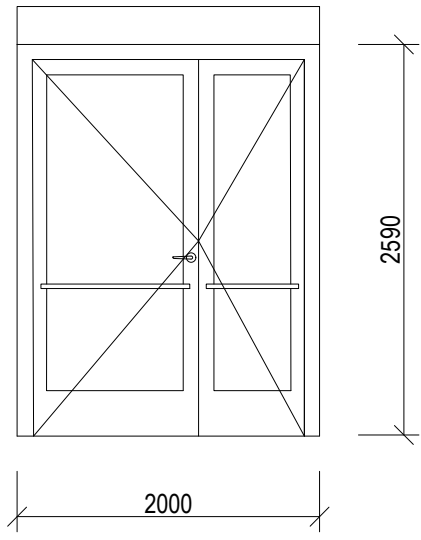
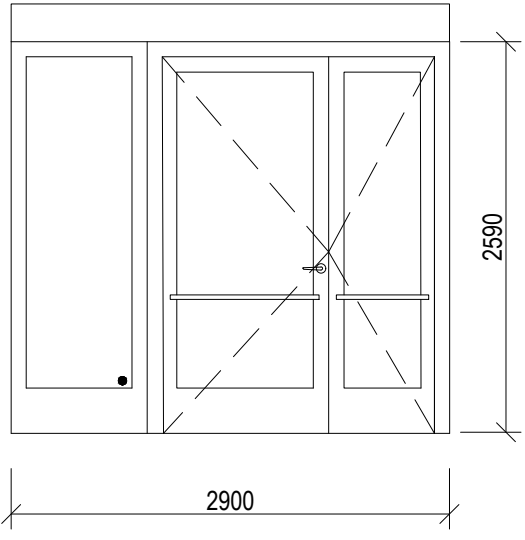
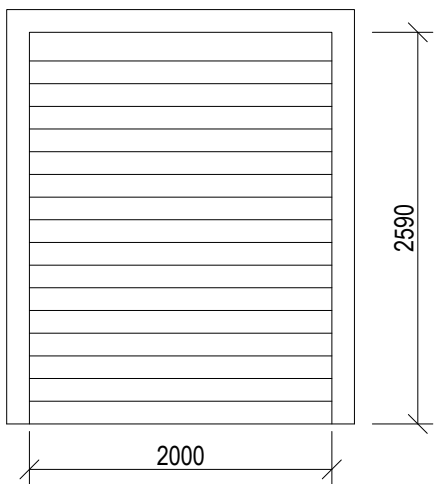
# LIST OF WINDOWS

SYMBOL	SCHEME	DESCRIPTION	PIECES	
			1.NP	2.NP
O 01		<b>DOUBLE - WING WINDOW</b> <b>DIMENSIONS:</b> 2000x1750mm <b>FRAME:</b> WOODEN-ALUMINUM, $U_f=0,95 \text{ W/m}^2\text{.K}$ <b>COLOUR:</b> OUTSIDE ANTHRACITE, RAL 7016 INSIDE WASHED OAK <b>GLAZING:</b> TRIPLE, $U_g=0,50 \text{ W/m}^2\text{.K}$ CLEAR GLASS <b>OPENING:</b> OPENS INTO INTERIOR LEFT SIDE - TURN AND TILT RIGHT SIDE - FIXED <b>INNER PARAPET:</b> WOODEN, WASHED OAK <b>OUTER SILL:</b> ALUMINUM, ANTHRACITE <b>OTHER:</b> AUTOMATIC SHADING SYSTEM, VISIBLE CASING, ANTHRACITE COLOUR, HORIZONTAL LAMELLAS C80, U - SHAPED ALUMINUM BOX 200x250mm	-	9
O 02		<b>SINGLE - WING WINDOW</b> <b>DIMENSIONS:</b> 2000x800mm <b>FRAME:</b> WOODEN-ALUMINUM, $U_f=0,95 \text{ W/m}^2\text{.K}$ <b>COLOUR:</b> OUTSIDE ANTHRACITE, RAL 7016 INSIDE WASHED OAK <b>GLAZING:</b> TRIPLE, $U_g=0,50 \text{ W/m}^2\text{.K}$ CLEAR GLASS <b>OPENING:</b> OPENS INTO INTERIOR TILT OPENING <b>INNER PARAPET:</b> WOODEN, WASHED OAK <b>OUTER SILL:</b> ALUMINUM, ANTHRACITE <b>OTHER:</b> AUTOMATIC SHADING SYSTEM, VISIBLE CASING, ANTHRACITE COLOUR, HORIZONTAL LAMELLAS C80, U - SHAPED ALUMINUM BOX 200x250mm	1	-
O 3		<b>STAIRCASE WINDOW</b> <b>DIMENSIONS:</b> 2000x5900mm <b>FRAME:</b> WOODEN-ALUMINUM, $U_f=0,95 \text{ W/m}^2\text{.K}$ <b>COLOUR:</b> OUTSIDE ANTHRACITE, RAL 7016 INSIDE WASHED OAK <b>GLAZING:</b> TRIPLE, $U_g=0,50 \text{ W/m}^2\text{.K}$ CLEAR GLASS <b>OPENING:</b> FIXED WINDOW <b>INNER PARAPET:</b> WOODEN, WASHED OAK <b>OUTER SILL:</b> ALUMINUM, ANTHRACITE <b>OTHER:</b> -	1	

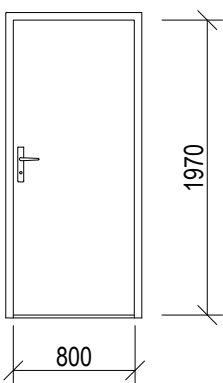
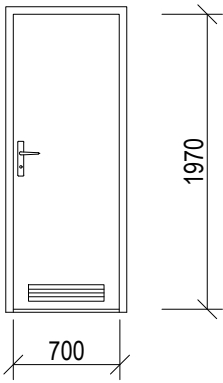
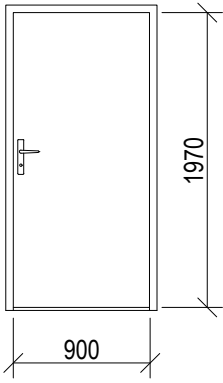
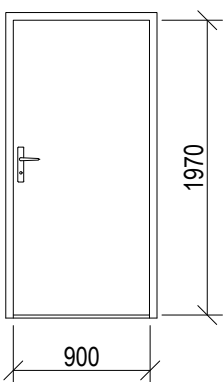
SYMBOL	SCHEME	DESCRIPTION	PIECES	
			1.NP	2.NP
<div> <div>O</div> <div>04</div> </div>		<p><u>WINDOW WALL</u></p> <p>DIMENSIONS: 5500x2450mm</p> <p>FRAME: WOODEN-ALUMINUM, <math>U_f=0,95 \text{ W/m}^2\text{.K}</math></p> <p>COLOUR: OUTSIDE ANTHRACITE, RAL 7016 INSIDE WASHED OAK</p> <p>GLAZING: TRIPLE, <math>U_g=0,50 \text{ W/m}^2\text{.K}</math> SAFETY CLEAR GLASS</p> <p>OPENING: FIXED WINDOW</p> <p>INNER PARAPET: WOODEN, WASHED OAK</p> <p>OUTER SILL: ALUMINUM, ANTHRACITE</p> <p>OTHER: AUTOMATIC SAFETY &amp; SHADING SYSTEM, VISIBLE CASING, ANTHRACITE COLOUR, HORIZONTAL LAMELLAS C80, U - SHAPED ALUMINUM BOX 200x250mm</p>	1	-
<div> <div>O</div> <div>05</div> </div>		<p><u>SINGLE - WING WINDOW</u></p> <p>DIMENSIONS: 1000x1000mm</p> <p>FRAME: WOODEN-ALUMINUM, <math>U_f=0,95 \text{ W/m}^2\text{.K}</math></p> <p>COLOUR: OUTSIDE ANTHRACITE, RAL 7016 INSIDE WASHED OAK</p> <p>GLAZING: TRIPLE, <math>U_g=0,50 \text{ W/m}^2\text{.K}</math> OBSCURE GLASS</p> <p>OPENING: OPENS INTO INTERIOR TILT AND TURN OPENING</p> <p>INNER PARAPET: WOODEN, WASHED OAK</p> <p>OUTER SILL: ALUMINUM, ANTHRACITE</p> <p>OTHER: INTERIOR BLINDS</p>	10	3
<div> <div>O</div> <div>06</div> </div>		<p><u>CEREMONY HALL WINDOW</u></p> <p>DIMENSIONS: 1000x4150mm</p> <p>FRAME: WOODEN-ALUMINUM, <math>U_f=0,95 \text{ W/m}^2\text{.K}</math></p> <p>COLOUR: OUTSIDE ANTHRACITE, RAL 7016 INSIDE WASHED OAK</p> <p>GLAZING: TRIPLE, <math>U_g=0,50 \text{ W/m}^2\text{.K}</math> CLEAR GLASS</p> <p>OPENING: FIXED WINDOW</p> <p>INNER PARAPET: WOODEN, WASHED OAK</p> <p>OUTER SILL: ALUMINUM, ANTHRACITE</p> <p>OTHER: INTERIOR CURTAINS</p>	4	-

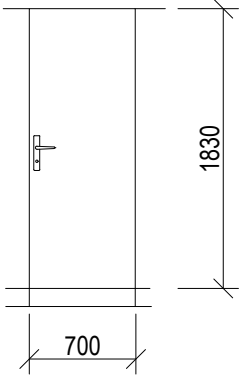
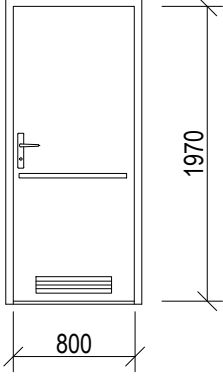
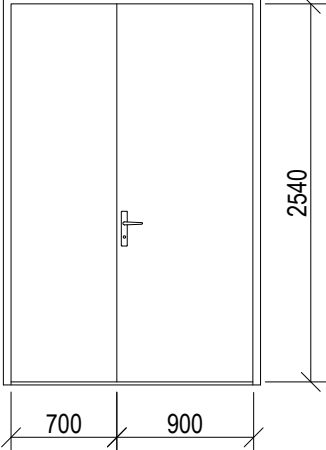
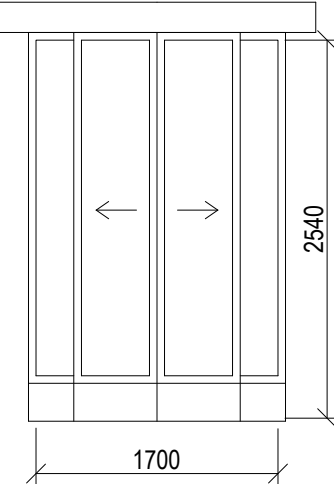
SYMBOL	SCHEME	DESCRIPTION	PIECES	
			1.NP	2.NP
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# LIST OF EXTERIOR DOORS

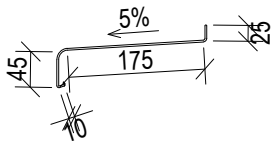
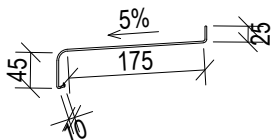
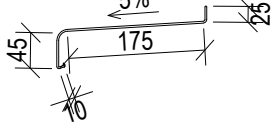
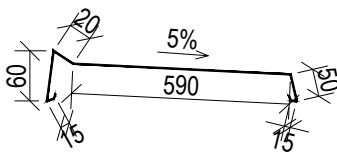
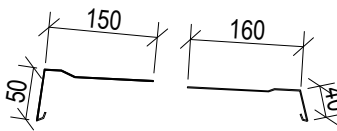
SYMBOL	SCHEME	DESCRIPTION	PIECES	
			1.NP	2.NP
DE 01		<p><u>DOOR TO MUNICIPAL HALL</u></p> <p>DIMENSIONS:</p> <ul style="list-style-type: none"> <li>- OPENING: 2000x2590mm</li> <li>- DOOR: 1100+700x2490mm</li> </ul> <p>FRAME: ALUMINUM</p> <p>COLOUR: ANTHRACITE, RAL 7016</p> <p>GLAZING: TRIPLE, <math>U_g=0,50</math> W/m<sup>2</sup>.K CLEAR SAFETY GLASS</p> <p>OPENING: DOUBLE WING, SWING DOOR</p> <p>DOOR: AUTOMATIC SAFETY SYSTEM - ROLLER SHUTTER, VISIBLE CASING, ALUMINUM, ANTHRACITE COLOUR, U - SHAPED ALUMINUM BOX 200x250mm</p> <ul style="list-style-type: none"> <li>+ INSULATION BASE PROFILE PROPASIV</li> <li>+ SELF-CLOSING</li> <li>+ PANIC LOCK WITH HANDLE</li> <li>+ HANDLE 1100 &amp; 800mm ABOVE GROUND</li> <li>+ GLAZING STARTS 400mm ABOVE GROUND</li> </ul>	1	-
DE 02		<p><u>DOOR TO POST OFFICE</u></p> <p>DIMENSIONS:</p> <ul style="list-style-type: none"> <li>- OPENING: 2900x2590mm</li> <li>- DOOR: 1100+700x2490mm</li> <li>- WINDOW: 700x2490</li> </ul> <p>FRAME: ALUMINUM</p> <p>COLOUR: ANTHRACITE, RAL 7016</p> <p>GLAZING: TRIPLE, <math>U_g=0,50</math> W/m<sup>2</sup>.K CLEAR SAFETY GLASS</p> <p>OPENING: DOUBLE WING, SWING DOOR</p> <p>DOOR: AUTOMATIC SAFETY SYSTEM - ROLLER SHUTTER, VISIBLE CASING, ALUMINUM, ANTHRACITE COLOUR, U - SHAPED ALUMINUM BOX 200x250mm</p> <ul style="list-style-type: none"> <li>+ INSULATION BASE PROFILE PROPASIV</li> <li>+ SELF-CLOSING</li> <li>+ PANIC LOCK WITH HANDLE</li> <li>+ HANDLE 1100 &amp; 800mm ABOVE GROUND</li> <li>+ GLAZING STARTS 400mm ABOVE GROUND</li> </ul>	1	-
DG 01		<p><u>SECTIONAL GARAGE DOOR</u></p> <p>DIMENSIONS:</p> <ul style="list-style-type: none"> <li>- OPENING: 2000x2590mm</li> <li>- DOOR: 2200x2590mm</li> </ul> <p>FRAME: GALVANIZED STEEL PROFILE</p> <p>SURFACE: SMOOTH</p> <p>COLOUR: ANTHRACITE, RAL 7016</p> <ul style="list-style-type: none"> <li>- DOOR LAMELAS MADE OF COATED GALVANIZED STEEL FILLED WITH POLYURETHANE FOAM</li> <li>- AUTOMATIC SYSTEM WITH SPRINGS AT THE END OF THE TRACKS</li> <li>- CEILING DRIVE, RAILS AND REMOTE CONTROL</li> <li>- U-FACTOR PANEL 0.54 W/m<sup>2</sup>K</li> <li>- MOTOR SAFETY SWITCH &amp; FAIL-SAFE</li> </ul>	1	-

# LIST OF INTERIOR DOORS

SYMBOL	SCHEME	DESCRIPTION	PIECES		
			1.S	1.NP	2.NP
<div>DL 01</div> <div>DR 01</div>		<b>STANDARD DOOR</b> DIMENSIONS: - OPENING: 900x2020mm - DOOR: 800x1970mm CONSTRUCTION: SOLID WOOD FRAME, COVERED WITH HDF BOARD  INFILL: LIGHTWEIGHT WOOD PARTICLE BOARD SURFACE: CPL LAMINATE COLOUR: WASHED OAK OPENING: SINGLE LEAVE FLUSH DOOR LEFT/RIGHT CASING: WOODEN CHIPBOARD + CPL LAMINATE	1.S	1.NP	2.NP
			2	4	6
			1	3	5
<div>DL 02</div> <div>DR 02</div>		<b>STANDARD DOOR</b> DIMENSIONS: - OPENING: 800x2020mm - DOOR: 700x1970mm CONSTRUCTION: SOLID WOOD FRAME, COVERED WITH HDF BOARD  INFILL: LIGHTWEIGHT WOOD PARTICLE BOARD SURFACE: CPL LAMINATE COLOUR: WASHED OAK OPENING: SINGLE LEAVE FLUSH DOOR LEFT/RIGHT CASING: WOODEN CHIPBOARD + CPL LAMINATE + VENTILATION GRID AT THE BOTTOM	1.S	1.NP	2.NP
			-	2	2
			-	5	2
<div>DL 03</div> <div>DR 03</div>		<b>STANDARD DOOR</b> DIMENSIONS: - OPENING: 1000x2020mm - DOOR: 900x1970mm CONSTRUCTION: SOLID WOOD FRAME, COVERED WITH HDF BOARD  INFILL: LIGHTWEIGHT WOOD PARTICLE BOARD SURFACE: CPL LAMINATE COLOUR: WASHED OAK OPENING: SINGLE LEAVE FLUSH DOOR LEFT/RIGHT CASING: WOODEN CHIPBOARD + CPL LAMINATE	1.S	1.NP	2.NP
			1	-	-
			-	-	-
<div>DL 04</div> <div>DR 04</div>		<b>FIRE DOOR</b> DIMENSIONS: - OPENING: 1000x2020mm - DOOR: 900x1970mm CONSTRUCTION: STEEL FRAME WITH DOUBLE CLADDING STEEL SHEETS th. 1,2mm INFILL: HARDENED MINERAL WOOL + FIRE RESISTANT FILLING ACCORDING TO FIRE RESISTANCE  SURFACE: GALVANIZED STEEL COLOUR: WHITE OPENING: SINGLE LEAVE FLUSH DOOR LEFT/RIGHT CASING: STEEL, WITH FIRE SAFETY, 300mm ON WALL  FIRE GRADE: EW 45 DP1 - C, SELF - CLOSING	1.S	1.NP	2.NP
			1	-	-
			1	-	-

SYMBOL	SCHEME	DESCRIPTION	PIECES		
			1.S	1.NP	2.NP
DL 05  DR 05		WC CABIN DOOR			
		DIMENSIONS: 700x1830mm CONSTRUCTION: PARTICLE BOARD 18mm THICK COLOUR: WHITE OPENING: SINGLE LEAVE FLUSH DOOR LEFT/RIGHT	-	4	1
		- PART OF WC CABIN WALL SYSTEM - SELF-CLOSING HINGES - STAINLESS STEEL DOOR CLOSER WITH VACANCY/OCCUPIED INDICATOR - INSTALLED 150mm ABOVE FLOOR	-	2	2
DL 06  DR 06		DOOR FOR DISABLED	1.S	1.NP	2.NP
		DIMENSIONS: - OPENING: 900x2020mm - DOOR: 800x1970mm CONSTRUCTION: SOLID WOOD FRAME, COVERED WITH HDF BOARD INFILL: LIGHTWEIGHT WOOD PARTICLE BOARD SURFACE: CPL LAMINATE COLOUR: WASHED OAK OPENING: SINGLE LEAVE FLUSH DOOR LEFT/RIGHT CASING: WOODEN CHIPBOARD + CPL LAMINATE	-	1	-
		+ HORIZONTAL HANDLE, 800mm ABOVE GROUND + VENTILATION GRID AND THE BOTTOM	-	1	-
DD 01		DOUBLE DOOR	1.S	1.NP	2.NP
		DIMENSIONS: - OPENING: 1700x2590mm - DOOR: 900+700x2540mm CONSTRUCTION: SOLID WOOD FRAME, COVERED WITH HDF BOARD INFILL: LIGHTWEIGHT WOOD PARTICLE BOARD SURFACE: CPL LAMINATE COLOUR: WASHED OAK OPENING: SINGLE LEAVE FLUSH DOOR LEFT/RIGHT CASING: WOODEN CHIPBOARD + CPL LAMINATE	-	1	-
DA 01		AUTOMATIC DOOR	1.S	1.NP	2.NP
		DIMENSIONS: - OPENING: 1700x2590mm - DOOR: 550+550x2540mm FRAME: ALUMINUM INFILL: CLEAR SAFETY GLASS COLOUR: WHITE OPENING: AUTOMATIC DOUBLE LEAVE SLIDING DOORS + FIXED GLAZED SIDE WALLS + MOTOR DRIVE - ELECTRICAL, HxWxL 150x180x2200mm + MOTION SENSORS + SELF CONTROL SYSTEM - ENSURE FREE PASSAGE FOR PEOPLE TO ESCAPE, UPS BATTERY	-	1	-

# LIST OF TINSMITH PRODUCTS

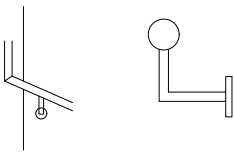
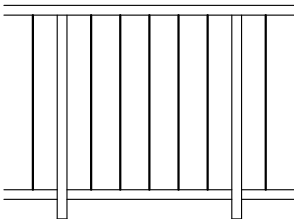


SYMBOL	SCHEME	DESCRIPTION	PIECES		
			1.S	1.NP	2.NP
TP 01		<u>OUTER WINDOW SILL</u> MATERIAL: ALUMINUM TH. 0,6mm COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS: WxL, 175x2000mm SURFACE: SPRAYED AND PAINTED  + 2x CORNER SILL CONNECTION PROFILES, ALUMINUM	1.S	1.NP	2.NP
			-	3	9
TP 02		<u>OUTER WINDOW SILL</u> MATERIAL: ALUMINUM TH. 0,6mm COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS: WxL, 175x1000mm SURFACE: SPRAYED AND PAINTED  + 2x CORNER SILL CONNECTION PROFILES, ALUMINUM	1.S	1.NP	2.NP
			-	14	3
TP 03		<u>OUTER WINDOW SILL</u> MATERIAL: ALUMINUM TH. 0,6mm COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS: WxL, 175x5500mm SURFACE: SPRAYED AND PAINTED  + 2x CORNER SILL CONNECTION PROFILES, ALUMINUM	1.S	1.NP	2.NP
			-	1	-
TP 08		<u>PARAPET WALL FLASHING</u> MATERIAL: GALVANIZED STEEL SHEET, TH. 0,55mm COLOUR: ANTHRACITE, RAL 7016 SURFACE: SPRAYED AND PAINTED TOTAL WIDTH: 750 mm LENGTH: 82 m			
TP 09		<u>PARAPET WALL FLASHING CONNECTIONS</u> MATERIAL: GALVANIZED STEEL SHEET, TH. 0,55mm COLOUR: ANTHRACITE, RAL 7016 SURFACE: SPRAYED AND PAINTED TOTAL WIDTH: 200 mm LENGTH: 82 m			




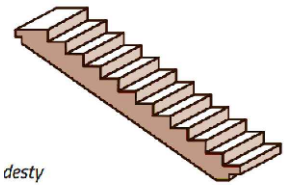
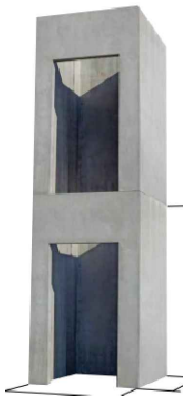
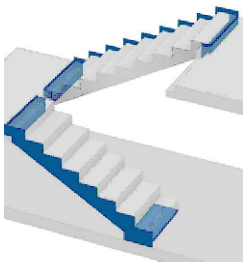
## LIST OF CARPENTRY PRODUCTS

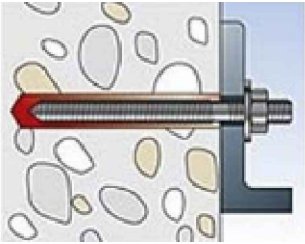

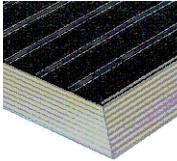
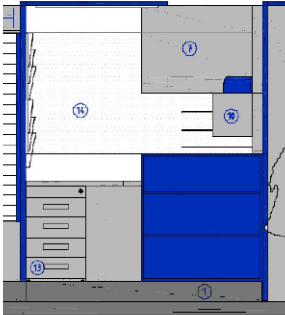
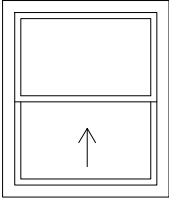

SYMBOL	SCHEME	DESCRIPTION	PIECES		
			1.S	1.NP	2.NP
CP 01		<u>INNER WINDOW SILL</u> MATERIAL: WOOD COLOUR: WASHED OAK DIMENSIONS: WxL, 365x2000mm SURFACE: TRANSPARENT COATING  + 2x CORNER SILL CONNECTION PROFILES, PVC	-	3	9
CP 02		<u>INNER WINDOW SILL</u> MATERIAL: WOOD COLOUR: WASHED OAK DIMENSIONS: WxL, 365x1000mm SURFACE: TRANSPARENT COATING  + 2x CORNER SILL CONNECTION PROFILES, PVC	-	14	3
CP 03		<u>INNER WINDOW SILL</u> MATERIAL: WOOD COLOUR: WASHED OAK DIMENSIONS: WxL, 365x5500mm SURFACE: TRANSPARENT COATING  + 2x CORNER SILL CONNECTION PROFILES, PVC	-	1	-


# LIST OF LOCKSMITH PRODUCTS



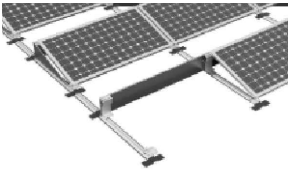
SYMBOL	SCHEME	DESCRIPTION	PIECES		
			1.S	1.NP	2.NP
LP 01		<u>STAIRCASE RAILING</u> MATERIAL: STAINLESS STEEL COLOUR: SILVER HANDRAIL: CIRCULAR CROSS SECTION 50mm LENGTH: 6,6m AROUND ELEVATOR 2,4m ON WALLS TOTAL LENGTH: 27,6m  - ATTACHED TO THE WALLS - HEIGHT 1100mm ABOVE GROUND - OVERHANG 150mm FROM BOTH SIDES			
LP 02		<u>STAIRCASE RAILING</u> MATERIAL: STAINLESS STEEL COLOUR: SILVER HANDRAIL: CIRCULAR CROSS SECTION 50mm LENGTH: 1,5m - ATTACHED TO THE ELEVATOR WAL & LOAD-BEARING WALL - HEIGHT 1100mm ABOVE GROUND			
LP 03		<u>ENTRANCE ROOF POST OFFICE</u> MATERIAL: ALUMINUM COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS ROOF: 7750x1500x150mm DIMENSIONS WALL: 3440x1500x150mm - ROOF STRUCTURE WITH ONE SIDE WALL - ATTACHED TO THE PERIPHERAL WALL IN THE PLACE OF SPIROLL PANEL BY PROPASSIVE MOUNTING PROFILE BLOCK D FOR INTERRUPTION OF THERMAL BRIDGES - DEWATERED INTO DRAINAGE STRIP - SUPPORTING STRUCTURE MADE OF STEEL PROFILES, CLADDING MADE OF PAINTED ALUMINUM SHEETS, INTERNAL CORE MADE OF EPS BOARDS		1	
LP 04		<u>ENTRANCE ROOF POST OFFICE</u> MATERIAL: ALUMINUM COLOUR: ANTHRACITE, RAL 7016 DIMENSIONS ROOF: 4500x1500x150mm DIMENSIONS WALL: 3440x1500x150mm - ROOF STRUCTURE WITH ONE SIDE WALL - ATTACHED TO THE PERIPHERAL WALL IN THE PLACE OF SPIROLL PANEL BY PROPASSIVE MOUNTING PROFILE BLOCK D FOR INTERRUPTION OF THERMAL BRIDGES - DEWATERED INTO DRAINAGE STRIP - SUPPORTING STRUCTURE MADE OF STEEL PROFILES, CLADDING MADE OF PAINTED ALUMINUM SHEETS, INTERNAL CORE MADE OF EPS BOARDS		1	

## LIST OF OTHER ELEMENTS

SYMBOL	SCHEME	DESCRIPTION	PIECES
OT 01		<u>ELEVATOR</u> <ul style="list-style-type: none"> <li>- ELECTRIC ELEVATOR, GEARLESS TRACTION SYSTEM</li> <li>- WITHOUT MACHINE ROOM</li> <li>- CABIN DIMENSIONS 1400x1100mm, HEIGHT 2100mm</li> <li>- MIN. SHAFT DIMENSIONS 1800x1800mm</li> <li>- DOORS 800x2000mm</li> <li>- FRAME 1040x2200</li> <li>- OPENING 1080x2220</li> <li>- SPEED 1,0 m/s</li> <li>- MAX. LOADING CAPACITY 630 kg/8 PERSONS</li> <li>- MAX. ELEVATION 30m</li> <li>- BOTTOM ELEVATOR SHAFT 1200mm</li> <li>- TOP ELEVATOR SHAFT 3300mm</li> </ul>	1
OT 02	 <i>desty</i>	<u>PREFABRICATED STAIRCASE</u> <ul style="list-style-type: none"> <li>- CONCRETE PREFABRICATED STAIRCASE LEIER</li> <li>- REINFORCED CONCRETE</li> <li>- MIN. CONCRETE GRADE C 30 / 37</li> <li>- ANTISLIP SURFACE</li> <li>- WIDTH OF STIARCASE 1500mm</li> <li>- ANCHORED BY CHEMICAL ANCHORS + L PROFILES</li> <li>- ACOUSTICALLY INSULATED</li> <li>- MIN. NOTCH SUPPORT 110mm</li> </ul> <p>1.S-1.NP:      1x FLIGHTS WITH LANDING ON TOP                             1x FLIGHT WITH LANDING ON BOTTOM                             1x FLIGHT WITHOUT LANDING                             STAIRS: HxW , 158x310mm</p> <p>1.NP-2.NP      1x FLIGHTS WITH LANDING ON TOP                             1x FLIGHT WITH LANDING ON BOTTOM                             1x FLIGHT WITHOUT LANDING                             STAIRS: HxW , 156x310mm</p>	6
OT 03		<u>PREFABRICATED STAIRCASE</u> <ul style="list-style-type: none"> <li>- RF CONCRETE PREFABRICATED ELEVATOR SHAFT LEIER</li> <li>- CONCRETE GRADE C35/45, XC2</li> <li>- SMOOTH SURFACE, LOW POROSITY</li> <li>- WEIGHT 300-375 kg/m2</li> <li>- WIDTH 1400-2400mm</li> <li>- LENGTH 1500-3000mm</li> <li>- HEIGHT 1500-3800mm</li> <li>- WALL THICKNESS 120mm</li> <li>- OPENING DIMENSION ACC. TO DESIGN</li> </ul>	3
OT 04		<u>SYLOMER MAT</u> <ul style="list-style-type: none"> <li>- STIARCASE DILATATION GAP FILLED WITH SYLOMER MAT</li> <li>- ELASTOMERS</li> <li>- NOISE &amp; VIBRATION INSULATION</li> <li>- INTEGRATED ADHESIVE STRIPS</li> <li>- FIRE GRADE R 90</li> <li>- TYPE F,B,L</li> </ul>	

SYMBOL	SCHEME	DESCRIPTION	PIECES
OT 05		<u>CHEMICAL ANCHOR + STEEL L PROFILE</u> <ul style="list-style-type: none"> <li>- INSTALLED INTO CONCRETE POCKETS 250x250mm</li> <li>- EPOXY BASED CHEMICAL ANCHOR</li> <li>- THREADED ROD OR SCREWS, NUTS AND WASHERS</li> <li>- LOAD-BEARING STEEL L PROFILE DESIGNED ACC. TO STRUCTURAL ENGINEER</li> </ul>	
OT 06		<u>EXTERNAL CLEANING AREA</u> <ul style="list-style-type: none"> <li>- ALUMINUM-RUBBER MAT</li> <li>- 600x2100mm</li> </ul>	2
OT 07		<u>INTERNAL CLEANING AREA</u> <ul style="list-style-type: none"> <li>- ALUMINUM-TEXTILE MAT</li> <li>- 1000x2100mm</li> </ul>	2
OT 08		<u>SECURITY GLASS PARTITION WALL</u> <ul style="list-style-type: none"> <li>- ANCHORED INTO BRICK WALL POROTHERM 11,5 PROFI</li> <li>- WINDOW DIMENSIONS 1100x1300 (900)mm</li> <li>- SAFETY BULLETPROOF WINDOW</li> <li>- CUSTOMER COUNTER FROM PARTICLE BOARD</li> <li>- BUILT-IN MONEY SLOT, SPEAKING HOLES</li> <li>- FOR MORE INFO SEE CZECH POST FURNITURE CATALOGUE</li> </ul>	1
OT 09		<u>OPENING WITH SECURITY GLASS</u> <ul style="list-style-type: none"> <li>- SINGLE HUNG OPENABLE WINDOW</li> <li>- ANCHORED INTO BRICK WALL POROTHERM 11,5 PROFI</li> <li>- WINDOW DIMENSIONS 1100x1300 (900)mm</li> <li>- SAFETY BULLETPROOF GLASS</li> <li>- CUSTOMER COUNTER FROM PARTICLE BOARD</li> </ul>	1
OT 10		<u>ROOF ACCESS WITH ATTIC LADDER</u> <ul style="list-style-type: none"> <li>- DIMENSIONS OF OPENING 700x1400mm</li> <li>- DRL ROOF ACCESS + LML LADDER</li> <li>- FOLDING / UNFOLDING LADDER</li> <li>- 130 mm WIDE ANTI-SLIP STEPS</li> <li>- ROOF ACCESS MULTI-CHAMBER PVC PROFILES FILLED WITH THERMAL INSULATION &amp; RUBBER SEAL</li> <li>-</li> </ul>	1

SYMBOL	SCHEME	DESCRIPTION	PIECES
OT 11		<u>SAFETY OVERFLOW</u> <ul style="list-style-type: none"> <li>- CIRCULAR WITH SBS BITUMEN SLEEVE</li> <li>- DN 125</li> <li>- POLYAMID PA6/PVC – UV STABIL</li> </ul>	2
OT 12		<u>SHAFT FOR SAFETY OVERFLOW</u> <ul style="list-style-type: none"> <li>- PROTECTIVE SHAFT WITH LID, TOPWET TWS C</li> <li>- ALUMINUM</li> <li>- 250x150x100mm</li> </ul>	2
OT 13		<u>VERTICAL ROOF OUTLET</u> <ul style="list-style-type: none"> <li>- WITH EXTENSION PIECE</li> <li>- WITH INTEGRATED BITUMEN SLEEVE</li> <li>- DN 100</li> <li>- WITH PVC PROTECTIVE BASKET</li> </ul>	3
OT 14		<u>SHAFT FOR GREEN ROOF</u> <ul style="list-style-type: none"> <li>- WITH PERFORATED LID</li> <li>- 400x400x130mm</li> <li>- PVC</li> </ul>	3
OT 15		<u>GRAVEL CAPTURE L PROFILE</u> <ul style="list-style-type: none"> <li>- ALUMINUM SHEET th. 1,5mm</li> <li>- 100x80x2000mm</li> <li>- INSTALLED AROUND GRAVEL</li> </ul>	
OT 16		<u>SAFETY ANCHOR FOR HOLLOW-CORE PANELS</u> <ul style="list-style-type: none"> <li>- STAINLESS STEEL</li> <li>- BASE 150x150mm</li> <li>- ANCHOR DIAMETER 42mm</li> <li>- HEIGHT 700mm</li> <li>- INTO PRE-DRILLED HOLES</li> </ul>	13
OT 17		<u>STAINLESS STEEL CABLE</u> <ul style="list-style-type: none"> <li>- STRETCHED BETWEEN SAFETY ANCHORS</li> <li>- TOTAL LENGTH 64,5m</li> <li>- DIAMETER 6mm</li> </ul>	
OT 18		<u>PHOTOVOLTAIC PANELS</u> <ul style="list-style-type: none"> <li>- MONOCRYSTALINE PANELS 60 CELLS (6x10)</li> <li>- 260-315 W</li> <li>- 1000x1650x6mm</li> <li>- ON GRID</li> <li>- MAX VOLTAGE 1000-1500V DC</li> <li>- OPERATING TEMPERATURE -40/+85°C</li> <li>- WEIGHT 23kg</li> <li>- FOR PRODUCTION OF ELECTRICITY</li> </ul>	6

SYMBOL	SCHEME	DESCRIPTION	PIECES
<div data-bbox="124 174 183 235"> OT 19 </div>		<u>VENTILATION CHIMNEY</u> <ul style="list-style-type: none"> <li>- FOR TOILET DRAINAGE</li> <li>- PVC</li> <li>- DN 100</li> <li>- WITH BITUMEN SLEEVE &amp; RAIN COVER</li> <li>- HEIGHT min. 500mm ABOVE TOP LAYER OF ROOF</li> </ul>	2
<div data-bbox="124 443 183 504"> OT 20 </div>		<u>EXHAUST AIR CHIMNEY FROM HVAC</u> <ul style="list-style-type: none"> <li>- STAINLESS STEEL</li> <li>- DIAMETER 400mm</li> <li>- ANGELED</li> <li>- HEIGHT min. 500mm ABOVE TOP LAYER OF THE ROOF</li> <li>- DESIGNED ACC. TO TZB , NOT PART OD THIS DP</li> </ul>	1
<div data-bbox="124 728 183 788"> OT 21 </div>		<u>GRID FOR PHOTOVOLTAIC PANELS</u> <ul style="list-style-type: none"> <li>- ALUMINUM BASE RAILS</li> <li>- MECHANICALLY ANCHORED TO THE ROOF</li> <li>- ALUMINUM TRIANGLES FOR PANELS 15-35° ANGLE</li> </ul>	