



BATHROOM

BW3 BATHROOM WALL HELUZ 11.5

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	PAINT	ONE-COMPONENT, WATER-SOLUBLE PAINT DESIGNED FOR GYPSUM BOARDS internal dispersion paint with organic binders and limestone fillers, water vapour permeability 0.02 m	brush or spraying machine	-
2	FILLER	UNIVERSAL PASTE-FILLER bending strength > 320N, fire reaction class A2-s1, d0	stainless steel trowel	-
3	GYPSUM BOARD	GYPSUM BOARD coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	mechanically anchored	12.5
4	ADHESIVE BINDER	GYPSUM ADHESIVE BINDER adhesion min. 0.24 MPa, fire reaction class A1, drying time min. 12 hours	stainless steel trowel	20
5	PENETRATION	CONCENTRATED WATERDISPERSION concentrated aqueous dispersions of artificial resins based on acrylic resins with additives, consumption 100gr/m ² , dilution ratio 1:4, drying time circa 24 hours	roller, brush or spraying machine	-
6	PARTITION	PARTITION MASONRY BRICK monolayer, heat transfer coefficient U 1.42W/m ² K, coefficient of thermal conductivity λ_0 0.20W/m ² K, fire reaction class A1, fire resistance EI 120 DP1, airborne noise Rw 45, diffusion resistance factor μ 510	roller, brush or spraying machine	115
7	PENETRATION	ACRYLIC PRIMER ready to use acrylic based primer, temperature range (+5°C/+35°C), minimum drying time 45-60 minutes, pot life 20 minutes, consumption 150 gr/m ² , 2 layers needed	roller, brush or spraying machine	-
8	WATERPROOFING	ACRYLIC EMULSION BASED, ONE COMPONENT ELASTIC WATERPROOFING curing time 4 hours, consumption 1.5 kg/m ² , 3 layers, tensile strength \geq 0.8 N/mm ² , tensile adhesion strength \geq 0.8 N/mm ² , water-vapour permeability class 1, equivalent air thickness S_{e1} < 5	brush or roller	1.0
9	TILE ADHESIVE	CEMENTITIOUS ADHESIVE WITH EXTENDED OPEN TIME AND REDUCED SLIP curing time 24 hours, consumption 3-5 kg/m ² , 4 mm in case of 30x30cm tiles, tensile adhesion strength \geq 1.0 N/mm ² , fire reaction class A1, slip \leq 0.5 N/mm ²	stainless steel trowel	4.0
10	SURFACE FINISH	CERAMIC TILES dimensions 30 x 30 cm, coefficient of thermal conductivity λ_0 1.01W/m ² K, diffusion resistance factor μ 0.5, anti-slip R11	-	10
11	GROUTING MORTAR	FLEXIBLE GROUTING MORTAR curing time 24 hours, flexural strength \geq 2.5 N/mm ² , compressive strength \geq 15 N/mm ²	rubber trowel	-

BF1 FLOOR IN 2nd ABOVE GROUND FLOOR

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	GROUTING MORTAR	FLEXIBLE GROUTING MORTAR curing time 24 hours, flexural strength \geq 2.5 N/mm ² , compressive strength \geq 15 N/mm ²	rubber trowel	-
2	SURFACE FINISH	CERAMIC TILES dimensions 30 x 30 cm, coefficient of thermal conductivity λ_0 1.01W/m ² K, diffusion resistance factor μ 0.5, anti-slip R11	-	10
3	TILE ADHESIVE	CEMENT BASED ADHESIVE WITH EXTENDED OPEN TIME AND REDUCED SLIP curing time 24 hours, consumption 3-5 kg/m ² , 4 mm in case of 30x30cm tiles, tensile adhesion strength \geq 1.0 N/mm ² , fire reaction class A1, slip \leq 0.5 N/mm ²	stainless steel trowel	4.0
4	WATERPROOFING	ACRYLIC EMULSION BASED, ONE COMPONENT ELASTIC WATERPROOFING curing time 4 hours, consumption 1.5 kg/m ² , 3 layers, tensile strength \geq 0.8 N/mm ² , tensile adhesion strength \geq 0.8 N/mm ² , water-vapour permeability class 1, equivalent air thickness S_{e1} < 5	brush or roller	1.0
5	PENETRATION	ACRYLIC PRIMER ready to use acrylic based primer, temperature range (+5°C/+35°C), minimum drying time 45-60 minutes, pot life 20 minutes, consumption 150 gr/m ² , 2 layers needed	roller, brush or spraying machine	-
6	LEVELING	SELF-LEVELING SCREED calcium sulfate base, thickness from 2.5 to 10 mm, compressive strength \geq 35 N/mm ² , coefficient of thermal conductivity λ_0 1.4 W/m ² K, density 2100 kg/m ³ initial setting 15-30 minutes, final setting 60-90 minutes, curing 48 hours	smoothing trowel or screeding rake	10
7	GROUTING	GROUTING CONCRETE SCREED concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150	-	60
8	SEPARATION	PLASTIC FOIL PE foil	-	-
9	INSULATION	STEP INSULATION elastized polystyrene, thermal resistance R 0.40 m ² K/W, coefficient of thermal conductivity λ_0 0.037W/m ² K, fire reaction class E, compressive strength 6.0 MPa	-	40
10	GROUTING	GROUTING CONCRETE concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150	-	60
11	LOAD-BEARING	CEILING JOIST - CARTRIDGE reinforced concrete, fire reaction class A1, fire resistance REI 180 D1	-	190
12	CEILING	GYPSUM BOARD - INSTALLATION GAP suspended ceiling, coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	-	2x12.5

BF2 FLOOR IN 1st ABOVE GROUND FLOOR

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	GROUTING MORTAR	FLEXIBLE GROUTING MORTAR curing time 24 hours, flexural strength \geq 2.5 N/mm ² , compressive strength \geq 15 N/mm ²	rubber trowel	-
2	SURFACE FINISH	CERAMIC TILES dimensions 30 x 30 cm, coefficient of thermal conductivity λ_0 1.01W/m ² K, diffusion resistance factor μ 0.5, anti-slip R11	-	10
3	TILE ADHESIVE	CEMENT BASED ADHESIVE WITH EXTENDED OPEN TIME AND REDUCED SLIP curing time 24 hours, consumption 3-5 kg/m ² , 4 mm in case of 30x30cm tiles, tensile adhesion strength \geq 1.0 N/mm ² , fire reaction class A1, slip \leq 0.5 N/mm ²	stainless steel trowel	4.0
4	WATERPROOFING	ACRYLIC EMULSION BASED, ONE COMPONENT ELASTIC WATERPROOFING curing time 4 hours, consumption 1.5 kg/m ² , 3 layers, tensile strength \geq 0.8 N/mm ² , tensile adhesion strength \geq 0.8 N/mm ² , water-vapour permeability class 1, equivalent air thickness S_{e1} < 5	brush or roller	1.0
5	PENETRATION	ACRYLIC PRIMER ready to use acrylic based primer, temperature range (+5°C/+35°C), minimum drying time 45-60 minutes, pot life 20 minutes, consumption 150 gr/m ² , 2 layers needed	roller, brush or spraying machine	-
6	LEVELING	SELF-LEVELING SCREED calcium sulfate base, thickness from 2.5 to 10 mm, compressive strength \geq 35 N/mm ² , coefficient of thermal conductivity λ_0 1.4 W/m ² K, density 2100 kg/m ³ initial setting 15-30 minutes, final setting 60-90 minutes, curing 48 hours	smoothing trowel or screeding rake	10
7	GROUTING	GROUTING CONCRETE SCREED concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150	-	60
8	SEPARATION	PLASTIC FOIL PE foil	-	-
9	INSULATION	ACoustic INSULATION stone wool, thermal resistance R 1.10 m ² K/W, coefficient of thermal conductivity λ_0 0.035W/m ² K, fire reaction class A1, diffusion resistance factor μ 1, density 40 kg/m ³	-	40
10	THERMAL INSULATION	THERMAL INSULATION EPS polystyrene, thermal resistance R 5.80 m ² K/W, coefficient of thermal conductivity λ_0 0.034W/m ² K, fire reaction class E, compressive strength 250 MPa, diffusion resistance factor μ 100	-	80
11	WATERPROOFING/ ANTI-RADON	BITUMEN SHEETS modified SBS, top layer separation spill, core layer glass textile, bottom layer PE foil, coefficient of thermal conductivity λ_0 0.21W/m ² K	molten	2x4
12	FOUNDATION PLATE	CONCRETE PLATE - K&B WIRE MESH concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150	-	100
13	BASE	COMPRESSED SOIL class 6, Ra 500 kPa	-	200

FLOORS

FL2 FLOOR IN 1st ABOVE GROUND FLOOR

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	SURFACE FINISH	LAMINATE FLOORING narmolitec 2 mm on top finish, load-bearing 7 mm, bottom 1 mm	lock connected	10
2	SEPARATION	PE FOAM LAYER	-	5
3	LEVELING	SELF-LEVELING SCREED calcium sulfate base, thickness from 2.5 to 10 mm, compressive strength \geq 35 N/mm ² , coefficient of thermal conductivity λ_0 1.4 W/m ² K, density 2100 kg/m ³ initial setting 15-30 minutes, final setting 60-90 minutes, curing 48 hours	smoothing trowel or screeding rake	10
4	GROUTING	GROUTING CONCRETE SCREED concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150	-	60
5	SEPARATION	PLASTIC FOIL PE foil	-	-
6	INSULATION	ACoustic INSULATION stone wool, thermal resistance R 1.10 m ² K/W, coefficient of thermal conductivity λ_0 0.035W/m ² K, fire reaction class A1, diffusion resistance factor μ 1, density 40 kg/m ³	-	40
7	THERMAL INSULATION	THERMAL INSULATION EPS polystyrene, thermal resistance R 5.80 m ² K/W, coefficient of thermal conductivity λ_0 0.034W/m ² K, fire reaction class E, compressive strength 250 MPa, diffusion resistance factor μ 100	-	80
8	WATERPROOFING/ ANTI-RADON	BITUMEN SHEETS modified SBS, top layer separation spill, core layer glass textile, bottom layer PE foil, coefficient of thermal conductivity λ_0 0.21W/m ² K	molten	2x4
9	FOUNDATION PLATE	CONCRETE PLATE - K&B WIRE MESH concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150	-	100
10	BASE	COMPRESSED SOIL class 6, Ra 500 kPa	-	200

ROOFS

GR GREEN ROOF

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	VEGETATION	EXTENSIVE SUBSTRATE vegetation carpet for succulents	-	70
2	FILTRATION	GOTEXTILE newwoven gotextile, 100g/m, polyester	-	1.5
3	DRAINAGE/ WATER ACCUMULATION	NOPIC FOIL/ DIMPLE MEMBRANE nrg height 20 mm	-	20
4	SEPARATION	GOTEXTILE newwoven gotextile, 100g/m, polyester	-	1.5
5	WATERPROOFING	BITUMEN SHEET modified SBS, self-adhesive, top and bottom layer homogeneous elastomer coating, core layer glass textile	molten	3.5
6	WATERPROOFING	BITUMEN SHEET modified SBS, self-adhesive, top layer foil, core layer glass textile, bottom layer PE foil	anchored	3.5
7	SEPARATION	GOTEXTILE newwoven gotextile, 100g/m, polyester	-	1.5
8	LEVELING	THERMAL INSULATION EPS 200 polystyrene, thermal resistance R 5.80 m ² K/W, coefficient of thermal conductivity λ_0 0.034W/m ² K, fire reaction class E, compressive strength 250 MPa, diffusion resistance factor μ 100	-	140 <
9	THERMAL INSULATION	THERMAL INSULATION EPS 200 polystyrene, thermal resistance R 5.80 m ² K/W, coefficient of thermal conductivity λ_0 0.034W/m ² K, fire reaction class E, compressive strength 250 MPa, diffusion resistance factor μ 100	-	100
10	VAPOUR BARRIER	BITUMEN SHEET modified SBS, top layer separation foil, core layer aluminium foil, bottom layer PE foil	molten in points	3.5
11	PENETRATION	ASPHALT COATING asphalt emulsion, cold processed, sparse, solvent free, frost resistant	roller, brush or spraying machine	0.5
12	GROUTING	GROUTING CONCRETE concrete C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150	-	60
13	LOAD-BEARING	CEILING JOIST - CARTRIDGE reinforced concrete, fire reaction class A1, fire resistance REI 180 D1	-	190
14	CEILING	GYPSUM BOARD - INSTALLATION GAP suspended ceiling, coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	-	2x12.5

WALLS

WA1 EXTERNAL WALL HELUZ 50 2in1

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	SURFACE FINISH	TIN-FIN PASTE PLASTER silicate, water vapour permeability s_{v0} 0.14m, water absorption $w < 0.1$ and < 0.5 kg/m ² h ^{1/2} , cohesion 0.32 MPa, grain 1.5, 2.0, 3.0 mm, coefficient of thermal conductivity $\lambda_{0, max}$ 0.74W/m ² K	stainless steel trowel	2
2	PENETRATION	HIGH SHEAR PENETRATION UNDER SILICATE MATERIALS per floor 11, solubility in water unlimited, drying time circa 12 hours	roller, brush or spraying machine	-
3	CEMENT SPRAYING	CEMENT MORTAR FOR BASE LAYER TREATMENT - GLASS FIBRE MESH compressive strength 6.0 MPa, adhesion min. 0.3 MPa, factor of diffusion resistance of water vapour max 35, coefficient of thermal conductivity λ max 0.24W/m ² K, fire reaction class A1, grain 0-5 mm	stainless steel trowel or spraying machine	8
4	LOAD-BEARING/ INSULATION	LOAD-BEARING MASONRY BRICK WITH IMPLEMENTED INSULATION monolayer perimeter brick of zero, passive, low energy and energy-efficient buildings, heat transfer coefficient U 0.11W/m ² K, thermal resistance R 3.16 m ² K/W, coefficient of thermal conductivity λ_0 0.09W/m ² K, fire reaction class B-s1, d0, fire resistance REI 30 DP1/90 DP1, airborne noise Rw 44(-1,2), diffusion resistance factor μ 9.71	-	500
5	PENETRATION	CONCENTRATED WATERDISPERSION concentrated aqueous dispersions of artificial resins based on acrylic resins with additives, consumption 100gr/m ² , dilution ratio 1:4, drying time circa 24 hours	roller, brush or spraying machine	-
6	ADHESIVE BINDER	GYPSUM ADHESIVE BINDER adhesion min. 0.24 MPa, fire reaction class A1, drying time min. 12 hours	stainless steel trowel	20
7	GYPSUM BOARD	GYPSUM BOARD coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	mechanically anchored	12.5
8	FILLER	UNIVERSAL PASTE-FILLER bending strength > 320N, fire reaction class A2-s1, d0	stainless steel trowel	-
9	PAINT	ONE-COMPONENT, WATER-SOLUBLE PAINT DESIGNED FOR GYPSUM BOARDS internal dispersion paint with organic binders and limestone fillers, water vapour permeability 0.02 m	brush or spraying machine	-

WA3 INTERNAL WALL HELUZ AKU 30

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	PAINT	ONE-COMPONENT, WATER-SOLUBLE PAINT DESIGNED FOR GYPSUM BOARDS internal dispersion paint with organic binders and limestone fillers, water vapour permeability 0.02 m	brush or spraying machine	-
2	FILLER	UNIVERSAL PASTE-FILLER bending strength > 320N, fire reaction class A2-s1, d0	stainless steel trowel	-
3	GYPSUM BOARD	GYPSUM BOARD coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	mechanically anchored	12.5
4	ADHESIVE BINDER	GYPSUM ADHESIVE BINDER adhesion min. 0.24 MPa, fire reaction class A1, drying time min. 12 hours	stainless steel trowel	20
5	PENETRATION	CONCENTRATED WATERDISPERSION concentrated aqueous dispersions of artificial resins based on acrylic resins with additives, consumption 100gr/m ² , dilution ratio 1:4, drying time circa 24 hours	roller, brush or spraying machine	-
6	LOAD-BEARING	LOAD-BEARING MASONRY BRICK WITH IMPLEMENTED INSULATION monolayer, heat transfer coefficient U 1.0W/m ² K, coefficient of thermal conductivity λ_0 0.20W/m ² K, fire reaction class A1, fire resistance REI 180 DP1, airborne noise Rw 56, diffusion resistance factor μ 510	-	300
7	PENETRATION	CONCENTRATED WATERDISPERSION concentrated aqueous dispersions of artificial resins based on acrylic resins with additives, consumption 100gr/m ² , dilution ratio 1:4, drying time circa 24 hours	roller, brush or spraying machine	-
8	ADHESIVE BINDER	GYPSUM ADHESIVE BINDER adhesion min. 0.24 MPa, fire reaction class A1, drying time min. 12 hours	stainless steel trowel	20
9	GYPSUM BOARD	GYPSUM BOARD coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	mechanically anchored	12.5
10	FILLER	UNIVERSAL PASTE-FILLER bending strength > 320N, fire reaction class A2-s1, d0	stainless steel trowel	-
11	PAINT	ONE-COMPONENT, WATER-SOLUBLE PAINT DESIGNED FOR GYPSUM BOARDS internal dispersion paint with organic binders and limestone fillers, water vapour permeability 0.02 m	brush or spraying machine	-

WA4 INTERNAL WALL HELUZ 11.5

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	PAINT	ONE-COMPONENT, WATER-SOLUBLE PAINT DESIGNED FOR GYPSUM BOARDS internal dispersion paint with organic binders and limestone fillers, water vapour permeability 0.02 m	brush or spraying machine	-
2	FILLER	UNIVERSAL PASTE-FILLER bending strength > 320N, fire reaction class A2-s1, d0	stainless steel trowel	-
3	GYPSUM BOARD	GYPSUM BOARD coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	mechanically anchored	12.5
4	ADHESIVE BINDER	GYPSUM ADHESIVE BINDER adhesion min. 0.24 MPa, fire reaction class A1, drying time min. 12 hours	stainless steel trowel	20
5	PENETRATION	CONCENTRATED WATERDISPERSION concentrated aqueous dispersions of artificial resins based on acrylic resins with additives, consumption 100gr/m ² , dilution ratio 1:4, drying time circa 24 hours	roller, brush or spraying machine	-
6	PARTITION	PARTITION MASONRY BRICK monolayer, heat transfer coefficient U 1.42W/m ² K, coefficient of thermal conductivity λ_0 0.20W/m ² K, fire reaction class A1, fire resistance EI 120 DP1, airborne noise Rw 45, diffusion resistance factor μ 510	-	115
7	PENETRATION	CONCENTRATED WATERDISPERSION concentrated aqueous dispersions of artificial resins based on acrylic resins with additives, consumption 100gr/m ² , dilution ratio 1:4, drying time circa 24 hours	roller, brush or spraying machine	-
8	ADHESIVE BINDER	GYPSUM ADHESIVE BINDER adhesion min. 0.24 MPa, fire reaction class A1, drying time min. 12 hours	stainless steel trowel	20
9	GYPSUM BOARD	GYPSUM BOARD coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	mechanically anchored	12.5
10	FILLER	UNIVERSAL PASTE-FILLER bending strength > 320N, fire reaction class A2-s1, d0	stainless steel trowel	-
11	PAINT	ONE-COMPONENT, WATER-SOLUBLE PAINT DESIGNED FOR GYPSUM BOARDS internal dispersion paint with organic binders and limestone fillers, water vapour permeability 0.02 m	brush or spraying machine	-

WA5 PRE-WALL WALL HELUZ AKU 30

N	FUNCTION	MATERIAL SPECIFICATION	STABILIZATION	THICKNESS
1	GAP/ CARRYING	INSTALLATION GAP space for necessary statutory installations	-	200
2	GYPSUM BOARD	BEARING SYSTEM metal profile structure	mechanically anchored	2x12.5
3	PENETRATION	GYPSUM BOARD coefficient of thermal conductivity λ_0 0.21W/m ² K, fire reaction class A2-s1, d0, diffusion resistance factor μ 6-10, longitudinal expansion factor in case of humidity change 5-8*10 ⁻³ , compressive strength 5.0 - 10.0 MPa	mechanically anchored	-
4	WATERPROOFING	ACRYLIC PRIMER ready to use acrylic based primer, temperature range (+5°C/+35°C), minimum drying time 45-60 minutes, pot life 20 minutes, consumption 150 gr/m ² , 2 layers needed	roller, brush or spraying machine	-
5	TILE ADHESIVE	ACRYLIC EMULSION BASED, ONE COMPONENT ELASTIC WATERPROOFING curing time 4 hours, consumption 1.5 kg/m ² , 3 layers, tensile strength \geq 0.8 N/mm ² , tensile adhesion strength \geq 0.8 N/mm ² , water-vapour permeability class 1, equivalent air thickness S_{e1} < 5	brush or roller	1.0
6	SURFACE FINISH	CEMENTITIOUS ADHESIVE WITH EXTENDED OPEN TIME AND REDUCED SLIP curing time 24 hours, consumption 3-5 kg/m ² , 4 mm in case of 30x30cm tiles, tensile adhesion strength \geq 1.0 N/mm ² , fire reaction class A1, slip \leq 0.5 N/mm ²	stainless steel trowel	4.0
7	GROUTING MORTAR	FLEXIBLE GROUTING MORTAR curing time 24 hours, flexural strength \geq 2.5 N/mm ² , compressive strength \geq 15 N/mm ²	rubber trowel	-

LEGEND OF MATERIALS

	EXTERNAL WALL, Heluz 50 2in1, 500 mm
	INTERNAL WALL, Heluz, load-bearing
	INTERNAL WALL, Heluz, non load-bearing
	FOUNDATION BRICK, Heluz STL, load-bearing, 400 mm
	THERMAL INSULATION, EPS polystyrene
	THERMAL INSULATION, XPS, 100 mm
	REINFORCED CONCRETE, C20/25 XC1, consistency S3, with reinforcement mesh diameter 4/150. Additional reinforcement B500B - STATIC CALCULATION REQUIRED
	CONCRETE SCREED, calcium sulfate base
	COMPRESSED SOIL, class 6, Ra 500 kPa
	ORIGINAL SOIL, Type F4 CS, R _q = 150 kPa
	GRAVEL, fraction 32-63
	EXTENSIVE SUBSTRATE, vegetation for succulents
	GRAVEL, fraction 8-16
	GRAVEL, fraction 4-8
	PAVEMENT, interlocking, Premac Vega
	PAVEMENT, interlocking, Premac Klauko
	FOUNDATION FORMWORK, concrete blocks filled with C20/25 reinforced by reinforcement bars
	BASE LAYER, concrete C20/25, for securing of even reinforcement cover
	WATERPROOFING, modified SBS, self-adhesive
	HELUZ FAMILY 25 2in1, 250 mm, load bearing

LEGEND OF ELEMENTS

	FRAME: space glass laminated wooden frame, tilting and opening inside, thickness 78 mm, U _g = 0.90 W/m ² K, Sunlight factor 62 %, Sound damping 35 dB, GLAZING double glazing filled with argon, U _g = 0.5 W/m ² K, FITTINGS all-round fitting, safety points, safety against faulty handling, COLOUR black/brown
	RAI 8022, PARAFIT External: galvanized steel, thickness 1.6 mm, expanded length 250 mm, Internal: chipboard laminated oak with rose, thickness 20 mm, 150x60/100
	FRAME interior door, spruce wooden frame, left, CASING spruce, FITTINGS 2 safety point door fittings, 1 point safety lock, COLOUR black/brown RAL 8022, THRESHOLD aluminum, BEARING handle - handle, ACOUSTICS Rw = 32 dB, 90x60/20
	FRAME interior door, spruce wooden frame, left, CASING spruce, FITTINGS 2 safety point door fittings, 1 point safety lock, COLOUR black/brown RAL 8022, THRESHOLD aluminum, BEARING handle - handle, ACOUSTICS Rw = 32 dB, 100x60/20
	FRAME interior door, spruce wooden frame, right, CAS