		"MAS" – Inform	natio	n re	quii	eme	ents	for	all e	ements, bills of material quantities
	Attribute	Example			-	t ph	_		Σ	Description
AS		•	KC	ST	DT	AP	BV	IM	⋖	
Σ	01_Name	Window		•	•	•	•	•	•	Element name/description
	02_Material	Timber		•	•	•	•	•	•	Element material (specify if required within other data sets)
	03_Type	LKA-003-1		•	•	•	•	•	•	Element type in the design and/or according to BIM requirements

		"\A/ind	0146		irements for windows				
		vvina					on r	1	
Attribute	Example	КС		oject DT		BV	IM	A	Description
01_Name	Window		•	•	•	•	•	•	Element name/description
02_Material	Timber		•	•	•	•	•	•	Element material
03_Type	LKA-003-1		•	•	•	•	•	•	Element type in design
05_Height	1470			•	•	•	•	•	Window frame (opening) height, mm
06_Width	1220			•	•	•	•	•	Window frame (opening) width, mm
15_Tone	White, NCS 0502y			•	•	•	•	•	Element colour/tone. If painted, the manufacturer should also be specified.
18_Fire resistance class	EI 60			•	•	•	•	•	Fire resistance class of the element
28_Fire reaction class	N/A								Reaction of the element to fire
29_Thermal conductivity	1.3 W/m2k			•	•	•	•	•	Thermal conductivity of the element
30_Sound insulation	43 dB			•	•	•	•	•	Sound insulation of the element, if required
31_Watertightness	E900								Watertightness of the element, if required
32_Air permeability	Class 4								Air permeability of the element, if required
33_Wind load resistance	Class C3								Wind load resistance of the element, if required
34_Glazing	Triple glazing								General description of element glazing
35_Glass coating	3k4LowE+4+4LowE -12TGI			•	•	•	•	•	Specific coating of glazing, if required
36_Solar radiation coefficient	N/A								Solar transmittance (g-value) of the element, if required
37_Opening	Yes			•	•	•	•	•	Can the element be opened
38_Fittings	Roto Frank								Element fittings manufacturer and model
39_Fittings category	47-D130U, as per LVS EN 1906								Application category, standard
40_Profile system	IV78					•	•	•	Element profile system
53_Manufacturer	Staļi					•	•	•	Element manufacturer
54_Product ID	Climatrend IV78					•	•	•	Element model/product
දු 67_Technical specification	/relative link						•	•	Technical specification by the element manufacturer
67_Technical specification	/relative link	"D	oors	" - ir	nfor	mati	on r	equi	Technical specification by the element manufacturer irements for doors
67_Technical specification Attribute			Pro	oject	t ph	ase		_	irements for doors
67_Technical specification Attribute	Example		Pro	oject	t ph			AIM	irements for doors Description
Attribute 01_Name	Example Fireproof front door		Pro	oject	t ph	ase		AIM	Description Element name/description
O1_Name 02_Material	Example Fireproof front door Aluminium		Pro ST	oject DT	t ph	ase BV	IM	AIM	Description Element name/description Element material
O1_Name O2_Material O3_Type	Example Fireproof front door Aluminium AD-21		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design
O1_Name 02_Material	Example Fireproof front door Aluminium		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width	Example Fireproof front door Aluminium AD-21 2270 1570		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified.
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501)
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only)
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element, if required
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208)
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207)
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability 33_Wind load resistance	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A N/A		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207) Wind load resistance of the element, if required (LVS EN 12210)
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability 33_Wind load resistance 34_Glazing	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A N/A N/A Triple glazing		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207) Wind load resistance of the element, if required (LVS EN 12210) General description of element glazing
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability 33_Wind load resistance 34_Glazing 35_Glass coating	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A N/A N/A Triple glazing 44.2Lam/16/22 mm		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207) Wind load resistance of the element, if required (LVS EN 12210) General description of element glazing Specific coating of glazing, if required
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability 33_Wind load resistance 34_Glazing 35_Glass coating 36_Solar radiation coefficient	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A N/A N/A Triple glazing 44.2Lam/16/22 mm N/A		ST •	oject DT	AP	ase BV	IM •	AIM	Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207) Wind load resistance of the element, if required (LVS EN 12210) General description of element glazing Specific coating of glazing, if required Solar transmittance (g-value) of the element, if required
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability 33_Wind load resistance 34_Glazing 35_Glass coating 36_Solar radiation coefficient 38_Fittings	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A N/A N/A Triple glazing 44.2Lam/16/22 mm N/A Assa Abloy		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207) Wind load resistance of the element, if required (LVS EN 12210) General description of element glazing Specific coating of glazing, if required Solar transmittance (g-value) of the element, if required Element fittings manufacturer and model
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability 33_Wind load resistance 34_Glazing 35_Glass coating 36_Solar radiation coefficient 38_Fittings 39_Fittings category	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A N/A N/A Triple glazing 44.2Lam/16/22 mm N/A Assa Abloy 47-D130U, as per LVS EN 1906		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207) Wind load resistance of the element, if required (LVS EN 12210) General description of element glazing Specific coating of glazing, if required Solar transmittance (g-value) of the element, if required Element fittings manufacturer and model Application category, standard
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability 33_Wind load resistance 34_Glazing 35_Glass coating 36_Solar radiation coefficient 38_Fittings 39_Fittings category 41_Indoor element	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A N/A N/A Triple glazing 44.2Lam/16/22 mm N/A Assa Abloy 47-D130U, as per LVS EN 1906 No		ST •	oject DT	AP	ase BV	IM •	AIM	Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207) Wind load resistance of the element, if required (LVS EN 12210) General description of element glazing Specific coating of glazing, if required Solar transmittance (g-value) of the element, if required Element fittings manufacturer and model Application category, standard Specify whether the element is located indoors or outdoors
Attribute 01_Name 02_Material 03_Type 05_Height 06_Width 15_Tone 18_Fire resistance class 28_Fire reaction class 29_Thermal conductivity 30_Sound insulation 31_Watertightness 32_Air permeability 33_Wind load resistance 34_Glazing 35_Glass coating 36_Solar radiation coefficient 38_Fittings 39_Fittings category	Example Fireproof front door Aluminium AD-21 2270 1570 White, RAL 9016 EI 60 N/A 1.9 W/m²k 39 dB N/A N/A N/A N/A Triple glazing 44.2Lam/16/22 mm N/A Assa Abloy 47-D130U, as per LVS EN 1906		ST •	oject DT	AP	ase BV	IM •	AIM	Description Element name/description Element material Element type in design Door frame (opening) height, mm Door frame (opening) width, mm Element colour/tone. If painted, the manufacturer should also be specified. Fire resistance class of the element Reaction of the element to fire (LVS EN 13501) Thermal conductivity of the element (for outside doors only) Sound insulation of the element, if required Watertightness of the element, if required (LVS EN 12208) Air permeability of the element, if required (LVS EN 12207) Wind load resistance of the element, if required (LVS EN 12210) General description of element glazing Specific coating of glazing, if required Solar transmittance (g-value) of the element, if required Element fittings manufacturer and model Application category, standard

			Project phase				5		
Attribute	Example	КС		DT			IM	AM	Description
01_Name	Suspended ceiling sheets		•	•	•	•	•	•	Element name/description
2_Material	Fibrolite		•	•	•	•	•	•	Ceiling finishing material
03_Type	PG-01		•	•	•	•	•	•	Ceiling finish type in the design
D7_Thickness	38			•	•	•	•	•	Ceiling finish thickness including the supporting structure (frame), mm
09_Area	17.8			•	•	•	•	•	Ceiling finish area, m ²
15_Tone	Black			•	•	•	•	•	Ceiling material colour/tone. If painted, the manufacturer should also be specified.
28_Fire reaction class	B-s1, d0 as per LVS EN 13501-1								Specified fire reaction class of the element
42_Load-bearing structure	VENTATEC Performance T24			•	•	•	•	•	Bearing structure system/model
53_Manufacturer	CEWOOD					•	•	•	Ceiling finishing material manufacturer
54_Product ID	CW-W15S086					•	•	•	Ceiling finishing material model/product
66_Installation requirements	/relative link						•	•	Ceiling finishing material cleaning requirements
67_Technical specification	/relative link						•	•	Technical specification by the ceiling finishing material manufacturer
	"Wall f	inish"	- inf	orm	atio	n re	quire	eme	ents for wall and facade finish
Attribute	Example			ojec				ΜĀ	Description
	•	KC	ST	DT	AP	BV	IM	4	
01_Name	Painted wallpaper		•	•	•	•	•	•	Element name/description
02_Material	Vinyl		•	•	•	•	•	•	Wall finishing material
03_Type	GS-001		•	•	•	•	•	•	Wall finish type in the design
D7_Thickness	1			•	•	•	•	•	Wall finish thickness, mm
09_Area	16.5			•	•	•	•	•	Wall finish area, m ²
-			1	ı 🔓 l	•	•	•	•	Wall material colour/tone. If painted, the manufacturer should also be specified.
15_Tone	L503 Snowdrift, Tikkurila Joker	_		_					
15_Tone 20 Foundation	Plasterboard partition wall			•	•	•	•	•	Substrate of wall finish
15_Tone 20_Foundation 53_Manufacturer	Plasterboard partition wall Rasch			•	•	•	•	•	Wall finishing material manufacturer
15_Tone 20_Foundation 53_Manufacturer 54_Product ID	Plasterboard partition wall Rasch Wallton 2020 143904			•	•	•	•	•	Wall finishing material manufacturer Wall finishing material model/product
15_Tone 20_Foundation 53_Manufacturer 54_Product ID 66_Installation requirements	Plasterboard partition wall Rasch Wallton 2020 143904 /relative link			•	•	•	•	•	Wall finishing material manufacturer Wall finishing material model/product Wall finishing material cleaning requirements
15_Tone 20_Foundation 53_Manufacturer 54_Product ID 66_Installation requirements	Plasterboard partition wall Rasch Wallton 2020 143904 /relative link /relative link			•	•	•	•	•	Wall finishing material manufacturer Wall finishing material model/product Wall finishing material cleaning requirements Technical specification by the wall finishing material manufacturer
5_Tone 0_Foundation 3_Manufacturer 4_Product ID 6_Installation requirements	Plasterboard partition wall Rasch Wallton 2020 143904 /relative link /relative link	loor fi					• • • • ion r	equ	Wall finishing material manufacturer Wall finishing material model/product Wall finishing material cleaning requirements
15_Tone 20_Foundation 53_Manufacturer	Plasterboard partition wall Rasch Wallton 2020 143904 /relative link /relative link		Pr	n" - ii ojec	t ph	ase		equ	Wall finishing material manufacturer Wall finishing material model/product Wall finishing material cleaning requirements Technical specification by the wall finishing material manufacturer uirements for floor finish

/relative link

67_Technical specification

Technical specification by the ceiling finishing material manufacturer

02_Material	C						1	l .	Floor finishing material
	Ceramics	\perp	•	•	•	•	•	•	
03_Type	GL-11		•	•	•	•	•	•	Floor finish type in the design
07_Thickness	2			•	•	•	•	•	Floor finish thickness, mm
09_Area	8.50			•	•	•	•	•	Floor finish area, m ²
L5_Tone	Dark grey			•	•	•	•	•	
	Danksiey								Floor material colour/tone. If painted, the manufacturer should also be specified.
20_Foundation	Concrete			•	•	•	•	•	Substrate of floor finish
25_Room number	T1.15			•	•	•	•	•	Number of floor element location space
28_Fire reaction class	N/A								Floor finish material fire reaction class
4_Abrasion resistance	N/A								Floor finish material fire abrasion resistance
5_Anti-slip class	R10 as per DIN 51130								Floor finish material fire anti-slip class
3 Manufacturer	Villeroy Boch					•	•	•	Floor finishing material manufacturer
54 Product ID	Gateway 2556SR90							•	Floor finishing material model/product
66_Installation requirements	/relative link							•	Floor finishing material cleaning requirements
7_Technical specification	/relative link								Technical specification by the floor finishing material manufacturer
77_Technical specification	/Telative lilik	"Poo	fina	 -	Info	rmat	ion i	.0011	irements for roofing
		NUU					1011 1		irements for rooming
Attribute	Example			ojec			T	ΑM	Description
		KC	ST	DT	AP	BV	IM	٩	
01_Name	Tin roofing sheets		•	•	•	•	•	•	Element name/description
02_Material	Steel		•	•	•	•	•	•	Roofing material
3_Type	JS-01		•	•	•	•	•	•	Roofing type in design
7_Thickness	44			•	•	•	•	•	Roofing thickness, mm
9_Area	250.8			•	•	•	•	•	Roofing area, m ²
 .5_Tone	RR33 Black			•	•	•	•	•	Roofing colour/tone.
2_Load-bearing structure	Timber lathing			•	•	•	•	•	Bearing structure system/model
3_Manufacturer	Ruukki	$\neg \neg \neg$				•	•	•	Roofing material manufacturer
64_Product ID	Monterrey FEB, TS44-350-1100					•	•	•	Roofing material model/product
66_Installation requirements	/relative link						•	•	Ceiling finishing material cleaning requirements
7_Technical specification	/relative link	++					•	•	Technical specification by the ceiling finishing material manufacturer
samula specification	p . 5.55.55 mm				1			1	
		"Po	om.	s" :	nfo	rmat	ion -	earr	irements for rooms
		- KO					ion f		Tements for footils
Attribute	Example	KC.		ojec		ase BV	10.0	A M	Description
11 Name	Warehouse	KC	31	וט	ΑP	ΒV			Floment name/description
01_Name	Warehouse	•	•	•	•	•	•	•	Element name/description The height of the space from the clear floor to the spiling finish
05_Height	2.95 m		•	•	•	•	•	•	The height of the space from the clean floor to the ceiling finish
09_Area	17.8	•	•	•	•	•	•	•	Clean floor area, m ²
24_Room category	Technical premises	•	•	•	•	•	•	•	Space category
25_Room number	109	•	•	•	•	•	•	•	Space number
	"Construction element	s" - inf	orm	natio	on re	equir	eme	nts	for the construction elements of the building
Attribute	Example			ojec	_	_		ΑM	Description
Attibute	Example	KC	ST	DT	AP	BV	IM	₹	Description
01_Name	Partition wall	•	•	•	•	•	•	•	Construction element name/description
02_Material	Plastered brickwork	•	•	•	•	•	•	•	Construction element material
	GS 001-21		•	•	•	•	•	•	Construction element type
04 Cross-section	N/A			•	•	•	•	•	Construction element cross-section or profile
05_Height	2250			•	•			•	Construction element height (only for wall elements), mm
77 Thickness	120			•	•			•	Construction element thickness (for walls and coverings), mm
08_Length	7910								Construction element length, mm
				-	•	-	-	•	Construction element net surface area, excluding openings, m ²
09_Area	17.8			•	•	•	•	•	Construction element het surface area, excluding openings, m
4 1 000	Na			1			1		
	No N/A								Load-bearing or non-load-bearing construction element
L8_Fire resistance class	N/A								Load-bearing or non-load-bearing construction element Fire resistance class of the construction element
L8_Fire resistance class 29_Thermal conductivity	N/A N/A			•	•	•	•	•	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element
L8_Fire resistance class 29_Thermal conductivity	N/A			•	•	•	•	•	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element
L8_Fire resistance class 29_Thermal conductivity	N/A N/A			•	•	•	•	•	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element
.8_Fire resistance class 29_Thermal conductivity	N/A N/A 52dB			•	•	•	•	•	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element
8_Fire resistance class 9_Thermal conductivity	N/A N/A 52dB	structi					on r		Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation	N/A N/A 52dB "Building		Pr	ojec	t ph	ase		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute	N/A N/A 52dB "Building Example		Pr	ojec	t ph			Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name	N/A N/A 52dB "Building Example Column		Pro ST	ojec DT	AP	ase		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 12_Material	N/A N/A 52dB "Building Example Column Reinforced concrete		Pr	ojec	t ph	ase		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 2_Material	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 2_Material 3_Type	N/A N/A 52dB "Building Example Column Reinforced concrete		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 2_Material 3_Type 4_Cross-section	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 2_Material 3_Type 4_Cross-section 15_Height	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 12_Material 13_Type 14_Cross-section 15_Height 17_Thickness	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements)
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 2_Material 3_Type 4_Cross-section 15_Height 17_Thickness 18_Length	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings)
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 2_Material 3_Type 4_Cross-section 15_Height 17_Thickness 8_Length 19_Area	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element length, mm
8_Fire resistance class 9_Thermal conductivity 0_Sound insulation Attribute 1_Name 1_Name 12_Material 13_Type 14_Cross-section 15_Height 17_Thickness 18_Length 19_Area 0_Volume	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250 10.2 0.365		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element length, mm Element net surface area, excluding openings, m² Element volume, m³
Refire resistance class Regarder resistance class res	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250 10.2 0.365 690		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element length, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements)
Attribute Attribute 1_Name 2_Material 3_Type 4_Cross-section 5_Height 7_Thickness 8_Length 9_Area 0_Volume 1_Weight 2_Element AU mark	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A 2250 10.2 0.365 690 2,750		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element length, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height
Attribute Attribute Attribute Attribute Al_Name A_Cross-section A_Cr	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250 10.2 0.365 690 2,750 -0,250		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element tength, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area O_Volume O1_Weight O2_Element AU mark O3_Element AP mark O3_Element AP mark O4_Class	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A 2250 10.2 0.365 690 2,750 -0,250 C30/37		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element tength, mm Element length, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area LO_Volume L1_Weight L2_Element AU mark L6_Class L7_Effect class L7_Effect class	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250 10.2 0.365 690 2,750 -0,250 C30/37 XC1		Pro ST	ojec DT	AP	BV		Σ	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element length, mm Element net surface area, excluding openings, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements)
Attribute Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area LO_Volume L1_Weight L2_Element AU mark L3_Element AP mark L6_Class L7_Effect class L8_Fire resistance class	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A 2250 10.2 0.365 690 2,750 -0,250 C30/37 XC1 REI60		Pro ST	ojec DT	AP	BV		NIW · · · · · · · · · · · · · · · · · · ·	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Fire resistance class of the construction element Fire resistance class of the construction element Fire rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element tength, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area O_Volume O1_Weight O2_Element AU mark O3_Element AP mark O3_Effect class O3_Effect class O3_Effect class O3_Effect class O3_Effect class O3_Effect class O4_Eresistance class	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250 10.2 0.365 690 2,750 -0,250 C30/37 XC1		Pro ST	ojec DT	AP	BV		NIW · · · · · · · · · · · · · · · · · · ·	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element length, mm Element net surface area, excluding openings, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements)
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area O_Volume O1_Weight O2_Element AU mark O3_Element AP mark O3_Effect class O3_Effect class O3_Effect class O3_Effect class O3_Effect class O3_Effect class O4_Eresistance class	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250 10.2 0.365 690 2,750 -0,250 C30/37 XC1 REI60 N/A	KC	Pro	ojec DT	AP	BV	im	NIW · · · · · · · · · · · · · · · · · · ·	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element tength, mm Element net surface area, excluding openings, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area O_Volume O1_Weight O2_Element AU mark O3_Element AP mark O3_Effect class O3_TEffect class O3_TEffect class O3_TEffect class O3_TEFFECT class	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250 10.2 0.365 690 2,750 -0,250 C30/37 XC1 REI60 N/A	KC	Pro	ojec DT	AP	BV	im	WIR •	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Fire resistance class of the construction element Fire resistance class of the construction element Fire rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element tength, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element
Attribute Attribute 1_Name 2_Material 3_Type 4_Cross-section 9_Height 17_Thickness 18_Length 19_Area 10_Volume 1_Weight 2_Element AU mark 3_Element AP mark 16_Class 17_Effect class 18_Fire resistance class	N/A N/A 52dB "Building Example Column Reinforced concrete PK-01-2 350x350 N/A N/A N/A 2250 10.2 0.365 690 2,750 -0,250 C30/37 XC1 REI60 N/A	KC	Pro	ojeco	AP	BV	IM	WIW -	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element tength, mm Element net surface area, excluding openings, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating
Attribute	N/A	KC	Pro	ojeco	AP	BV	IM	WIW -	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element type/brand in design Element type/brand in design Element theight (only for wall elements) Element height (only for walls and coverings – thickness), mm Element length, mm Element ength, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description
Attribute	N/A	KC	Pro	ojeco	AP	BV	IM	WIW -	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element type/brand in design Element type/brand in design Element theight (only for wall elements) Element thickness (for walls and coverings – thickness), mm Element theight, mm Element ength, mm Element ength, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description
Attribute	N/A	KC	Pro	ojeco	AP	BV	IM	WIW -	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element rements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element thickness (for walls and coverings) Element thength, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element type
Attribute	N/A	KC	Pro	ojeco	AP	BV	IM	WIW -	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element ross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element thensens (for walls and coverings) Element enet surface area, excluding openings, m² Element wolume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm
Attribute Attribute 11_Name 12_Material 13_Type 14_Cross-section 15_Height 17_Thickness 18_Length 19_Area 10_Volume 11_Weight 12_Element AU mark 13_Element AP mark 16_Class 17_Effect class 18_Fire resistance class 19_Coverage Attribute 11_Name 12_Name 13_Type	N/A	KC	Pro	ojeco	AP	BV	IM	WIW -	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element theight (only for wall elements) Element theight (only for wall elements) Element thickness (for walls and coverings) Element thickness (for walls and coverings) Element net surface area, excluding openings, m² Element wolume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm Element width, mm
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O9_Area O_Volume O1_Weight O2_Element AU mark O3_Element AP mark O5_Class O7_Effect class O7_Effect class O7_Effect class O7_Effect class O7_Coverage Attribute O1_Name	N/A	KC	Pro	ojeco	AP	BV	IM	WIW -	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element ross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element thensens (for walls and coverings) Element enet surface area, excluding openings, m² Element wolume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O9_Area O_Volume O1_Weight O2_Element AU mark O3_Element AP mark O5_Class O7_Effect class O7_Effect class O7_Effect class O7_Effect class O7_Coverage Attribute O1_Name	N/A	ole lado	Pro ST •	ojec DT	nfor	BV BV	IM	equi	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element type/brand in design Element tross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element length, mm Element es surface area, excluding openings, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm Element width, mm Fire resistance class of the element
Attribute Attribute 11_Name 12_Material 13_Type 14_Cross-section 15_Height 17_Thickness 18_Length 19_Area 10_Volume 11_Weight 12_Element AU mark 13_Element AP mark 16_Class 17_Effect class 18_Fire resistance class 19_Coverage Attribute 11_Name 12_Name 13_Type	N/A	ole lado	Pro ST •	ojec DT	nfor	BV BV	IM	equi	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element theight (only for wall elements) Element theight (only for wall elements) Element thickness (for walls and coverings) Element thickness (for walls and coverings) Element net surface area, excluding openings, m² Element wolume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm Element width, mm
Attribute	N/A	KC Sole lade	Pro ST • • • • • • • • • • • • • • • • • •	ojeco DT o o o o o o o o o o o o o	nfor the photost photo	BV equire ease	IM	equi VIV	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element type/brand in design Element tross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element length, mm Element elength, mm Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm Element width, mm Fire resistance class of the element or networks (pipes, air ducts, etc.)
Attribute	N/A	KC Sole lade	Pro ST • • • • • • • • • • • • • • • • • •	ojeco DT o o o o o o o o o o o o o	nfor the photost photo	BV	IM	equi VIV	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element type/brand in design Element tross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element thickness (for walls and coverings) Element length, mm Element es surface area, excluding openings, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm Element width, mm Fire resistance class of the element
Attribute	N/A	KC Sole lade	Pro ST • • • • • • • • • • • • • • • • • •	ojeco DT o o o o o o o o o o o o o	nfor the photost photo	BV equire ease	IM	equi VIV	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element type/brand in design Element tross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element length, mm Element length, mm Element surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm Element width, mm Fire resistance class of the element or networks (pipes, air ducts, etc.)
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area O_Volume O1_Weight O2_Element AU mark O3_Element AP mark O3_Element AP mark O4_Class O5_Height O5_Leffect class O5_O8_Length O6_Class O7_Effect class O7_Effe	N/A	KC Sole lade	Pro ST • • • • • • • • • • • • • • • • • •	ojeco DT o o o o o o o o o o o o o	nfor the photost photo	BV equire ease	IM	equi VIV	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element thickness (for walls and coverings) Element thickness (for walls and coverings) Element tength, mm Element net surface area, excluding openings, m² Element volume, m³ Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element height, mm Element width, mm Fire resistance class of the element or networks (pipes, air ducts, etc.) Description
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area O2_Element AU mark O3_Element AP mark O4_Class O7_Effect class O7_Effect class O7_Effect class O7_Coverage Attribute O1_Name O3_Type O5_Height O6_Width O8_Section O6_Width O7_Thickness O7_Effect class O7_	### ### ##############################	KC Sole lade	Pro ST • • • • • • • • • • • • • • • • • •	ojeco DT o o o o o o o o o o o o o	nfor the photost photo	BV equire ease	IM	equi VIV	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element height (only for wall elements) Element height (only for wall elements) Element thickness (for walls and coverings – thickness), mm Element length, mm Element es surface area, excluding openings, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element height, mm Element height, mm Element width, mm Fire resistance class of the element or networks (pipes, air ducts, etc.) Description Element name/description Element name/description Element mame/description Element mame/description Element mame/description Element mame/description Element mame/description
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area O2_Element AU mark O3_Element AP mark O3_Element AP mark O4_Class O5_Height O7_Effect class O5_Height O7_Effect class O6_Class O7_Effect class O7_Effect clas	### ### ##############################	KC Sole lade	Pro ST • • • • • • • • • • • • • • • • • •	ojeco DT o o o o o o o o o o o o o	nfor t ph	BV equire ease	IM	equi WIY	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element type/brand in design Element height (only for wall elements) Element thickness (for walls and coverings – thickness), mm Element thickness (for walls and coverings) Element tength, mm Element net surface area, excluding openings, m² Element wolume, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element width, mm Fire resistance class of the element or networks (pipes, air ducts, etc.) Description Element mame/description Element mame/description Element mame/description Element mame/description Element mame/description Element material Element material
Attribute O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area O1_Weight O1_Selement AU mark O1_Selement AP mark O1_Name	N/A	KC Sole lade	Pro ST • • • • • • • • • • • • • • • • • •	ojeco DT o o o o o o o o o o o o o	nfor recent ph	BV equire asse	IM	equi WIY	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element cross-section or profile (for walls and coverings – thickness), mm Element height (only for wall elements) Element length, mm Element net surface area, excluding openings, m² Element wolume, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element width, mm Fire resistance class of the element or networks (pipes, air ducts, etc.) Description Element mame/description Element mame/description Element mame/description Element material Element material Element cross-section, mm
O1_Name O2_Material O3_Type O4_Cross-section O5_Height O7_Thickness O8_Length O9_Area I0_Volume I1_Weight I2_Element AU mark I3_Element AP mark I6_Class I7_Effect class I8_Fire resistance class I9_Coverage Attribute O1_Name O3_Type O5_Height I8_Fire resistance class	### ### ##############################	KC Sole lade	Pro ST • • • • • • • • • • • • • • • • • •	ojeco DT o o o o o o o o o o o o o	nfor t ph	BV equire ease	IM	equi WIY	Load-bearing or non-load-bearing construction element Fire resistance class of the construction element Thermal conductivity of the construction element Sound insulation index of the construction element Frements for building structures Description Element name/description Element material Element type/brand in design Element type/brand in design Element height (only for wall elements) Element thickness (for walls and coverings – thickness), mm Element thickness (for walls and coverings) Element tength, mm Element net surface area, excluding openings, m² Element wolume, m² Element weight, kg (for timber, steel and prefabricated reinforced concrete elements) The highest mark of the element from the relative zero height The lowest mark of the element from the relative zero height Element strength class Element environmental exposure class (for concrete elements) Fire resistance class of the element For steel – type of fireproof coating, for timber – type of protective coating rements for cable ladders Description Element name/description Element width, mm Fire resistance class of the element or networks (pipes, air ducts, etc.) Description Element mame/description Element mame/description Element mame/description Element mame/description Element mame/description Element material Element material

ecti		"Equipment"* - Inform	ipment (fittings, pumps, equipment, etc.)							
l, e	Attribute	Example			ojec				Σ	Description
<u></u>			KC	ST	DT	AP	BV	IM	⋖	
an	01_Name	Water pump		•	•	•	•	•	•	Element name/description
ech	46_System	Internal water supply and sewerage		•	•	•	•	•	•	Mechanical, electrical and plumbing system
Σ	48_Technical characteristics	1500w, Q=100-350 l/min, D50/32			•	•	•	•	•	Technical characteristics of the element
	49_BMS_protocol	ModBus			•	•	•	•	•	If available, specify the type of protocol
	53_Manufacturer	Pedrollo					•	•	•	Element manufacturer
	54_Product ID	FM 32/160C					•	•	•	Element model No./product
	67_Technical specification	/relative link						•	•	Technical specification by the element manufacturer

	"Asset	info"* - I	nfoi	rmat	ion	aboı	ıt th	e lo	ocation, type, name of the asset
				oject					
Attribute	Example	кс				BV	IM	AM	Description
21_Project ID	AB7		•	•	•	•	•	•	Project code - Aspazijas bulvāris 7
22_Zone	B1		•	•	•	•	•	•	Block 1 - If the building is divided into several blocks or zones
23 Floor	LO1		•	•	•	•	•	•	1 st floor - The floor where the asset is located
25_Room No.	105		•	•	•	•	•	•	Space 105 - Exact location of asset
26 Asset	Conditioner		•	•	•	•	•	•	Asset name
27_Unique ID			•	•	•	•	•	•	Unique element identification number. See Paragraph 4.5.5 of BIM requirements "Unique Identification Number"
46_System	AVK-K		•	•	•	•	•	•	Conditioning – Design part names according to LBN 202-18 "Execution of the Construction Intention Documentation".
		"Asset	t dat	a"*	- Inf	n ch	naracterising the asset		
Assuibuse	Fuerrale		Pro	oject	t pha	ase		Σ	Description
Attribute	Example	КС	ST	DT	AP	BV	IM	AM	Description
50_BūvSast	SIST								Building component SIST - internal engineering system. Constant attribute for all assets
51_PamatlGr	BIROJ								Group of fixed assets BIROJ - Office equipment. Constant attribute for all assets
52_PamatlNos	Conditioner Philips CNP1								Equipment, manufacturer and model name
Asset	"As-b	uilt mod	eľ"*	- Inf	orm	natio	n ob	tain	ned during construction works
Attribute	Example			Project phase		AIM	Description		
		KC	ST	DT	AP	BV	IM		
53_Manufacturer	Philips					•	•	•	Name of the manufacturer
54_Product ID	CNP1					•	•	•	Model No./product
55_Serial No.	0242-112					•	•	•	Serial number
56_Transfer date	2019.12.01.								Date of hidden work statement
57_Contractor	SIA "ABC"					•	•	•	System installation contractor (subcontractor)
58_Equipment price	N/A					•	•	•	The price of the installed equipment (specify if more than EUR 10,000)
59_Warranty start	2019.12.12.					•	•	•	Warranty start date
60_Warranty end	2021.12.11.					•	•	•	Warranty end date
61_Warranty conditions	/relative link					•	•	•	Special warranty conditions, if any
62_Use instructions	/relative link					•	•	•	Equipment use instructions
63_Equipment passport	/relative link					•	•	•	Hazardous equipment passport
64_Spec_cleaning requirements	/relative link					•	•	•	Specific cleaning requirements, if any
65_Maintenance conditions	/relative link					•	•	•	Maintenance conditions – regulations
67_Technical specification	/relative link					•	•	•	Technical specification

*Equipment and elements that need to have the information specified in the data sets added

AVK-V - Ventilation

Air processing unit (intake-exhaust, intake, exhaust), humidifier/drier, air distributor, fire safety valve, flow control throttle, silencer, cleaning hatch.

AVK-K – Climate control system

Indoor and outdoor units of the air cooling system (chillers, VRF, split, multi-split, fan coil, precise climate control equipment), shut-off valves, control valves

Shut-off valves, control valves, thermostat heads, heating devices (radiators, convectors, warm floors, hot air curtains, radiator heat supply systems)

AVK-VD – Smoke protection

Smoke extraction fans, counterflow fans, overpressure fans, valves, automation units

GDZ - Gas fire suppression systems

Gas cylinder, gas supply nozzles, smoke detector, overpressure valve, control panel with repeater.

UK, UKT – Water supply and sewerage

Water meter, pump, shut-off valves, control valves, water distribution fittings, plumbing equipment, inspection, cleaning hatch.

EL, ELT – Power supply

Electricity meter, illuminated escape route signs, escape route lighting fixtures, switchboards, generators, UPS, lighting fixtures.

SM – Thermal mechanics

Shut-off valves, control valves, main equipment of the heating unit (heat exchangers, expansion tanks, meters, pressure gauges, etc.)

ESS – Electronic communication systems

ESS-CI – Centralised warning system

Controller, extender (router), amplifier, multimedia player, UPS, announcement station, announcement station keyboard, speakers, external speaker (horn), equipment cabinet.

ESS-PK – Access control

Controller, reader, trigger (electromagnetic latch), router, switch, server, call panel, handset, battery pack.

ESS-AS – Security alarm

Central exchange, keyboard, extender, motion sensor, glass break sensor, combined sensor, vibration sensor, magnetic sensor, infrared barrier, siren, battery pack.

ESS-TK – Electronic communications networks

Equipment cabinet, patch panel (distribution panel), router, access point, data network socket (port), UPS.

ESS-VAS – Control and automation systems

Controller, router, server, monitoring workstation, humidity sensor, temperature sensor, moisture leakage sensor.

ESS-VN – Video surveillance

Recording equipment (server), disk array, video surveillance camera, router, switch, monitoring station, UPS, equipment cabinet.

UAS – Automatic fire suppression system

Pumps, control valves, shut-off valves, hydrophores, control panel, repeater, battery pack

SPR – Sprinkler system

Pumps, valves, control unit, sprinkler bell.

UATS – Fire detecting and emergency alarm system

Panel, repeater panel, extender, smoke sensor, heat sensor, combined sensor, detectors, remote indication, aspiration system, beam sensor, siren, alarm button, module (for ventilation shutdown, elevator, access control system), battery packs.

Elevator, lift, gates, barriers

Note. The list is non-exhaustive and may be supplemented with other important equipment or systems during the design, construction and facility management stage, depending on the specifics of the project. Information needs be added to elements if these elements or equipment require regular inspection, maintenance or warranty service.