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European Technical Assessment

ETA 19/0764 of 09/09/2020

(English language translation, the original version in Czech language)

I General Part

Technical Assessment Body issuing the European Technical Assessment:
Technical and Test Institute for Construction Prague

Trade name of the construction product	Interior dividing partition kits SIS CLARUS
Product family to which the construction product belongs	Product area code: 21 Internal partition kits
Manufacturer	Stavební Interierové Systémy s.r.o. Business park Letňany Toužimská 889 – Hala D1, 199 00 Praha 9 Czech Republic www.sis-systemy.cz
Manufacturing plant(s)	Stavební Interierové Systémy s.r.o. Business park Letňany Toužimská 889 – Hala D1, 199 00 Praha 9 Czech Republic www.sis-systemy.cz
This European Technical Assessment contains	26 pages including 3 Annexes, which form an integral part of this assessment. Annex C contains confidential information and is/are not included in the European Technical Assessment when that assessment is publicly available.
This European Technical Assessment is issued in accordance with regulation (EU) No 305/2011, on the basis of	EAD 210005-00-0505 Internal partition kits for use as non-loadbearing walls
This ETA replaces	ETA 19/0764, version 1, issued on 06/01/2020

Translations of this European Technical Assessment in other languages shall fully correspond to the original issued document and should be identified as such.

II Specific part

1. Technical description of the product

1.1 Definition of products

The subject of this European Technical Assessment (ETA) are interior dividing partition kits SIS CLARUS for used as non-load bearing walls and they are designed and installed in accordance with ETA Holder's design and installation instructions, deposited at Technical and Test Institute for Construction (TTIC) Prague.

The systems of interior dividing partition kits SIS CLARUS consist of elements and components, which are supplied by suppliers. The ETA Holder is ultimately responsible for the whole kit.

The characteristics of the components and of the various simple elements of the system interior dividing partition kits SIS CLARUS are specified by the ETA Holder as described in the tables of the following pages. The codes in the tables identify each single component of the system.

Interior dividing partition kits SIS CLARUS, type A1

Interior dividing partition kits SIS CLARUS, type A1 are lightweight, non-load bearing partition kits, which are assembled from units individually designed case by case (according to dimensions of a particular area).

Interior dividing partition kits SIS CLARUS, type A1 are frameless partition systems with double glazing and with internal air gap. The partition systems can consist solid panels or doors or combination of them too. The perimeter construction is constituted from thin wall aluminium anchor profiles connected by steel joints (only along the wall perimeter). The perimeter construction (profiles) is fixed to the flanking structure by screws and fasteners.

The individual glazed panels (tempered float glass or laminated float glass, thickness 8 – 12 mm) are laid into perimeter profiles and their vertical edges are interconnected by 3M double-sided adhesive tape in a way that a homogenous dividing feature is created.

The solid panels (wood particle board, thickness 12 – 18 mm, gypsum plasterboards, thickness 12,5 mm. The air gap between solid panels is filled by thermal insulation.

Table 1: Types of interior dividing partition kits SIS CLARUS, type A1 according to using type of panels

Type	Panel	Air gap	Panel
CLARUS A1-1	laminated float glass VSG 44.1 (Stratobel 44.1)	56 mm	laminated float glass VSG 44.2 (Stratophone 44.2)
CLARUS A1-2	laminated float glass VSG 44.1 (Stratobel 44.1)	56 mm	tempered float glass ESG 8 mm
CLARUS A1-3-1	tempered float glass ESG 10 mm	54 mm	laminated float glass VSG 55.1 (Stratobel 55.1)
CLARUS A1-3-2	tempered float glass ESG 10 mm	54 mm	laminated float glass Stratophone 55.2
CLARUS A1-3	laminated float glass VSG 55.1 (Stratobel 55.1)	53 mm	laminated float glass Stratophone 55.2
CLARUS A1-P	Wood particle board, thickness 12-18 mm coated by Lamino, CPL, HPL, veneer, upholstery or varnished Gypsum plasterboard, thickness 12,5 mm coated by vinyl wallpaper	Thermal insulation (Ursa, Isover or Orstech), thickness (30-45) mm	Wood particle board, thickness 12-18 mm coated by Lamino, CPL, HPL, veneer, upholstery or varnished Gypsum plasterboard, thickness 12,5 mm coated by vinyl wallpaper

The interior dividing partition kit can contain door openings and individual glazed units can be equipped with venetian blinds.

The door openings are comprised of wood or glass door leafs according to Annex A.

The dimensions of the unit:

- total nominal thickness: 80 mm
- standard width: 1000 - 1200 mm
- standard height: 3000 mm

Maximum height of partition kits is 4000 mm.

Interior dividing glazed partition kits SIS CLARUS, type A2

The interior dividing glazed partition kits SIS CLARUS, type A2 are lightweight, non-load bearing partition kits, which are assembled from units individually designed case by case (according to dimensions of a particular area).

The interior dividing glazed partition kits SIS CLARUS, type A2 are frame partition systems with double glazing and with internal air gap. The partition systems can consist doors too. The perimeter construction is constituted from thin wall aluminium anchor profiles connected by steel joints. The perimeter construction (profiles) is fixed to the flanking structure by screws and fasteners. The insert of aluminium frame is created by glass panels, aesthetically secured by aluminium cover piece.

The individual glazed panels (tempered float glass or laminated float glass, thickness 6 – 12 mm) are laid into perimeter profiles and their vertical edges are fixed by special fixing devices and systemic aluminium T-profiles.

Table 2: Types of interior dividing glazed partition kits SIS CLARUS, type A2 according to using type of panels

Type	Panel	Air gap	Panel
CLARUS A2-1	laminated float glass VSG 33.1 (Stratobel 33.1)	59 mm	laminated float glass VSG 44.1 (Stratobel 44.1)
CLARUS A2-2	laminated float glass VSG 44.1 (Stratobel 44.1)	56 mm	laminated float glass Stratophone 44.2
CLARUS A2-3	laminated float glass Stratophone 33.2	58 mm	laminated float glass Stratophone 44.2

The interior dividing glazed partition kit can contain door openings and individual glazed units can be equipped with venetian blinds.

The door openings are comprised of wood or glass door leafs according to Annex A.

The dimensions of the unit:

- total nominal thickness: 80 mm
- standard width: 1000 - 1200 mm
- standard height: 3000 mm

Maximum height of partition kits is:

- without horizontal dividing – 3600 mm
- with horizontal dividing – 4000 mm

Interior dividing glazed partition kits SIS CLARUS, type S1

The interior dividing glazed partition kits SIS CLARUS, type S1 are lightweight, non-load bearing partition kits, which are assembled from units individually designed case by case (according to dimensions of a particular area).

The interior dividing glazed partition kits SIS CLARUS, type S1 are frameless partition systems with single glazing. The partition systems can consist doors too. The perimeter construction is constituted from thin wall aluminium anchor profiles connected by steel joints (only along the wall

perimeter). The perimeter construction (profiles) is fixed to the flanking structure by screws and fasteners.

The individual glazed panels (tempered float glass or laminated float glass, thickness 10 – 16,5 mm) are laid into perimeter profiles and their vertical edges are interconnected by 3M double-sided adhesive tape.

Table 3: Types of interior dividing glazed partition kits SIS CLARUS, type S1 according to using type of panels

Type	Panel	Perimeter construction
CLARUS S1-1	tempered float glass ESG 10 mm	U-profile 30x20x30 mm (upper and edge profile) U-profile 20x20x20 mm (bottom profile)
CLARUS S1-2	laminated float glass VSG 55.1 (Stratobel 55.1)	U-profile 30x20x30 mm (upper and edge profile) U-profile 20x20x20 mm (bottom profile)
CLARUS S1-3	laminated float glass Stratophone 55.2	U-profile 30x20x30 mm (upper and edge profile) U-profile 20x20x20 mm (bottom profile)
CLARUS S1-Z	laminated float glass Stratobel 88.4	U-profile 40x30x40x3 mm (upper and edge profile) U-profile 50x30x50x3 mm (bottom profile)

The interior dividing glazed partition kit can contain door openings and individual glazed units can be equipped with venetian blinds.

The door openings are comprised of wood or glass door leafs according to Annex A.

The dimensions of the unit:

- total nominal thickness: 10 – 16,5 mm
- standard width: 1000 - 1200 mm
- standard height: 3050 mm

Maximum height of partition kits is 4050 mm.

Interior dividing glazed partition kits SIS CLARUS, type S2

The interior dividing glazed partition kits SIS CLARUS, type S2 are lightweight, non-load bearing partition kits, which are assembled from units individually designed case by case (according to dimensions of a particular area).

The interior dividing glazed partition kits SIS CLARUS, type S2 are frame partition systems with single glazing. The partition systems can consist doors too. The perimeter construction is constituted from thin wall aluminium anchor profiles connected by steel joints. The perimeter construction (profiles) is fixed to the flanking structure by screws and fasteners. The insert of aluminium frame is created by glass panels, aesthetically secured by aluminium cover piece.

The individual glazed panels (tempered float glass or laminated float glass, thickness 8 – 12 mm) are laid into perimeter profiles and their vertical edges are fixed by special fixing devices and systemic aluminium T-profiles.

Table 4: Types of interior dividing glazed partition kits SIS CLARUS, type S2 according to using type of panels

Type	Panel	Perimeter construction
CLARUS S2	laminated float glass Stratophone 44.2	Composed of Alu-profiles: NP-3185, NP-3186, NP-3193, NP-3194, NP-3189, NP-3191 Dimensions 40x80x40 mm

The interior dividing glazed partition kit can contain door openings and individual glazed units can be equipped with venetian blinds.

The door openings are comprised of wood or glass door leafs according to Annex A.

The dimensions of the unit:

- total nominal thickness: 80 mm
- standard width: 1000 - 1200 mm
- standard height: 3000 mm

Maximum height of partition kits is:

- without horizontal dividing – 3068 mm
- with horizontal dividing – 4000 mm

1.2 Components of the interior dividing partition kits SIS CLARUS

The load-bearing (structural) elements and fixings between structural elements of the interior dividing partition kits SIS CLARUS under examination are listed in Table 5, while the gaskets applied on structural elements are indicated in Table 6.

Table 5: Structural elements

Structural elements	Code	Thickness	Material	Supplier
Perimeter construction (flooring, ceiling), Dimensions: (40x80x40) mm, Composed of profiles: NP-3185, NP-3186, NP-3190, NP-4812	NP-3185 NP-3186 NP-3190 NP-4812	0,8 - 1,8 mm	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland, FEAL HRVATSKA d.o.o. - Croatia
Perimeter construction (wall, column), Dimensions: (40x80x40) mm Composed of profiles: NP-3193, NP-3194, NP-3190, NP-4812, NP-3191	NP-3193 NP-3194 NP-3190 NP-4812 NP-3191	0,8 - 1,8 mm	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland, FEAL HRVATSKA d.o.o. - Croatia
Profile (flooring, wall), Dimensions: (20x20x20) mm	U-20x20x20	1,5 – 2,0 mm	EN AW 6060 T6, EN 573-3, EN 573-4	ALFUN a.s. ALUPLUS a.s.
Profile (floring, ceiling, wall), Dimensions: (30x20x30) mm	NP-4432	2,0 mm	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland, FEAL HRVATSKA d.o.o. - Croatia
Profile (floring, ceiling, wall), Dimensions : 40x20x40 mm	U-40x20x40	2,0 mm	EN AW 6060 T6, EN 573-3, EN 573-4	ALFUN a.s. ALUPLUS a.s.
Profile (flooring, ceiling, wall), Dimensions: (40x30x40) mm	U-40x30x40	2,0 mm	EN AW 6060 T6, EN 573-3, EN 573-4	ALFUN a.s. ALUPLUS a.s.
Profile (ceiling, wall), Dimensions: (50x20x50) mm	U-50x20x50	2,0 mm	EN AW 6060 T6, EN 573-3, EN 573-4	ALFUN a.s. ALUPLUS a.s.
Profile (ceiling, wall), Dimensions: (50x30x50) mm	U-50x30x50	3,0 mm	EN AW 6060 T6, EN 573-3, EN 573-4	ALFUN a.s. ALUPLUS a.s.
Simple glazing profile	NP-3189	1,3 mm	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Right angle profile - corner	NP-4431	1,6 mm	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland, FEAL HRVATSKA d.o.o. - Croatia
Variable profile – for joint	NP-4437	1,2-1,8 mm	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland, FEAL HRVATSKA d.o.o. - Croatia

Structural elements	Code	Thickness	Material	Supplier
Tube – profile for joint	M110	1,6 mm	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland, FEAL HRVATSKA d.o.o. - Croatia
Connecting profile	SU1	1,5 mm	FeZn	BOVA Březnice s.r.o.
Fixing clips	CP1	0,6 mm	FeZn	BOVA Březnice s.r.o.

Table 6: Gaskets for structural elements

Gaskets for structural elements	Code	Material	Supplier
Foam gasket	TN119PE	Foam	Okentěs s.r.o.
Sealing profile (PVC black flipper)	G6	PVC	Reddiplex Ltd - GB
Sealing profile (PVC black flipper)	G8	PVC	Reddiplex Ltd - GB
Plastic washers 1mm – 6mm	VPP1 – VPP6	PVC	Okentěs s.r.o.
Wooden block (10x12x40 and 12x25x40)	MDF 10x12x40 MDF 12x25x40	MDF board	Truhlářství Vladislav Pánek
Foam insulation	TECAPUR PU	PUR – Low Expansion	Okentěs s.r.o.

For fixing of the interior dividing partition kits SIS CLARUS to existing walls, floor and ceiling, the kit includes the fixing accessories listed in Table 7 hereafter.

Table 7: Fixings

Fixings	Dimensions	Material	Supplier
Anchor – 710.072 (RSD)	120x120x35	EN AW 6060 T66, EN 573-3	FEAL HRVATSKA d.o.o. - Croatia
Anchor - L	50x50x10	EN AW 6060 T66, EN 573-3, EN 573-4	ALFUN a.s. ALUPLUS a.s.
Knock-in anchors	6/25, 6/35, 6/45, 6/60	FeZn/PVC	HAŠPL a.s.
Drop-in anchors with metric screws KNO	8x25 / M6 10x30 / M8 12x40 / M10	FeZn	HAŠPL a.s.
Drop-in anchors with metric screws KMS	8x24 / M6 10x30 / M8 12x35 / M10	FeZn	HAŠPL a.s.
Wood screws with flat head – PZ, TX, A2	2,5x10, 3x12, 3,5x35, 3,5x40, 4x35, 4x40, 4,8x22	FeZn/Stainless steel	HAŠPL a.s.
Plasterboard- screw with flat head TN	3,5x35, 3,5x45, 3,5x55	Fe	HAŠPL a.s.
Plasterboard- screw with flat head TX	3,5x35, 3,5x45, 3,5x55	Fe	HAŠPL a.s.
Self-tapping screw with flat head TN-ZH	3,5x35, 3,5x45, 3,5x55	Fe	HAŠPL a.s.
Plasterboard- screw with head FN	3,5x35, 3,5x45, 3,5x55	Fe	HAŠPL a.s.
Self-drilling TEX	3,5x16, 3,5x25, 3,9x38, 4,2x38, 5,5x60, 5,5x80, 6,3x19	FeZn	HAŠPL a.s.
Shot-in nails (for concrete)	4/20, 4/22, 4/27, 4/34	FeZn	Hilti ČR s.r.o. HAŠPL a.s.
Shot-in nails (for steel)	4/14, 4/16, 4/19	FeZn	Hilti ČR s.r.o.

The interior dividing partition kits SIS CLARUS consist of glazed elements installed using perimeter construction (profiles and gaskets). Furthermore, glazed units can be internally provided with blinds as an accessory. The components of the interior dividing partition kits SIS CLARUS with glazed elements are listed in Table 8.

Table 8: Glazed panels

Glazed panels	Code	Thickness	Material	Supplier
Tempered Float glass	ESG 8 ESG 10 ESG 12 ESG 16	8 mm 10 mm 12 mm 16 mm	Glass	Ertl Glas s.r.o., AGC Processing Teplice a.s., IZOS s.r.o.
Laminated Float glass	VSG 33.1 VSG 44.1 VSG 55.1 VSG 66.1 VSG 88.1	6,38 mm 8,38 mm 10,38 mm 12,38 mm 16,38 mm	Glass	Ertl Glas s.r.o.
Laminated Float glass	VSG 33.2 VSG 44.2 VSG 55.2 VSG 66.2 VSG 88.2 VSG 88.4	6,76 mm 8,76 mm 10,76 mm 12,76 mm 16,76 mm 17,00 mm	Glass	Ertl Glas s.r.o.
Laminated Float glass With acoustic PVB layer between the glasses	VSG 33.2 Sound VSG 44.2 Sound VSG 55.2 Sound VSG 66.2 Sound VSG 88.2 Sound	6,76 mm 8,76 mm 10,76 mm 12,76 mm 16,76 mm	Glass	Ertl Glas s.r.o.
Laminated Float glass	Stratobel 33.1 Stratobel 44.1 Stratobel 55.1 Stratobel 66.1 Stratobel 88.1 Stratobel 33.2 Stratobel 44.2 Stratobel 55.2 Stratobel 66.2 Stratobel 88.2 Stratobel 88.4	6,38 mm 8,38 mm 10,38 mm 12,38 mm 16,38 mm 6,76 mm 8,76 mm 10,76 mm 12,76 mm 16,76 mm 17,00 mm	Glass	AGC Processing Teplice a.s., IZOS s.r.o.
Laminated Float glass with acoustic PVB layer between the glasses	Stratophone 33.2 Stratophone 44.2 Stratophone 55.2 Stratophone 66.2 Stratophone 88.2	6,76 mm 8,76 mm 10,76 mm 12,76 mm 16,76 mm	Glass	AGC Processing Teplice a.s., IZOS s.r.o.
Blinds	Super-Harmony-Mono SC, ScreenLine - SL	16 – 25 mm 12 – 27 mm	Al alloy	SERVIS CLIMAX a.s., Pellinidustrie CZ s.r.o.
Double-sided adhesive tape	4918-F VHB 3M	1 - 4 mm	Acrylic	Arango, 3M Česko s.r.o

Solid panel of interior dividing partition kits SIS CLARUS are fastened to the structure. The description of solid panels is introduced in Table 9.

Table 9: Solid panels

Solid panels	Code	Thickness	Material characteristics	Supplier
Gypsum plasterboard type White	Gypsum plasterboard	12,5 mm	Reaction to fire: A2-s1,d0 (A1) Thermal Conductivity: λ= 0,25 W/(m.K) ρ= 750 kg/m^3	Knauf – Rigips – Siniat WOODCOTE CZ a.s.
Wooden particle board	DTD	12 – 18 mm	Reaction to fire: D-s1, d0 Thermal Conductivity: λ= 0,15 W/(m.K) ρ= 610-750 kg/m^3	Truhlářství Vladislav Pánek, Démos trade, a.s.

Solid panels	Code	Thickness	Material characteristics	Supplier
Coating by Lamino	DTDL	12 – 18 mm	Reaction to fire: D-s1,d0	Truhlářství Vladislav Pánek, Démos trade, a.s.
Coating by CPL	DTD-CPL	12 – 18 mm	Reaction to fire: D-s1,d0	Truhlářství Vladislav Pánek, Démos trade, a.s.
Coating by HPL	DTD-HPL	12 – 18 mm	Reaction to fire: D-s1,d0	Truhlářství Vladislav Pánek, Démos trade, a.s.
Coating by veneer	DTD-D	12 – 18 mm	Reaction to fire: D-s1,d0	Truhlářství Vladislav Pánek, Démos trade, a.s.
Coating by upholstery	DTD-Č	13 mm	Reaction to fire: D-s1,d0	Truhlářství Vladislav Pánek, Démos trade, a.s.
Coating by varnished	DTD-Colour	12 – 18 mm	Reaction to fire: D-s1,d0	Truhlářství Vladislav Pánek, Démos trade, a.s.

The system can be provided with a layer of insulation material, placed between the opposite solid panels. Mineral wool panels are described in Table 10 below:

Table 10: Insulation product

Insulation products	Code	Material characteristics	Supplier
Mineral wool	Ursa	MW-EN 13162-T3-CS(10)0,5-WS-WL(P)-AW0,70-MU1 Reaction to fire: A1 Thermal Conductivity: λ=0.035 W/(m.K)	WOODCOTE CZ a.s.
Mineral wool	Isover	MW-EN 13162-T3-MU1-AF,5 Reaction to fire: A1 Thermal Conductivity: λ=0.035 W/(m.K)	WOODCOTE CZ a.s.
Stone wool	Orstech	MW-EN 14303-T4-ST(+)400-WS1-CL10 Reaction to fire: A1 Thermal Conductivity: λ=0.042 – 0.082 W/(m.K)	DARTE s.r.o.
Stone-mineral wool	Knauf Insulation PTN	MW-EN 13162-T6-CP4-SD13-WS-WL(10P) Reaction to fire: A1 Thermal Conductivity: λ=0.035 W/(m.K)	WOODCOTE CZ a.s.

Required components for assembly of doors, fixing elements and gaskets, are listed in Table 11.

Table 11: Frame profiles and accessories for hinged doors

Frame profiles and accessories for hinged door	Code	Composition	Supplier
Wooden door leaf - solid	DPKO	Wooden particle board 8 mm Wooden particle board 2x 4 mm Steel sheet 0,5 mm Wooden particle board 2x 4 mm Steel sheet 0,5 mm Wooden particle board 2x 4 mm Wooden particle board 8 mm	Truhlářství Vladislav Pánek
Wooden door leaf - solid	DP3	Wooden particle board laminated 18 mm HDF board 3 mm Wooden particle board laminated 18 mm	Truhlářství Vladislav Pánek

Frame profiles and accessories for hinged door	Code	Composition	Supplier
Wooden door leaf - solid	DP4	Wooden particle board laminated 18 mm HDF board 3 mm Aluminium sheet 1 mm Wooden particle board laminated 18 mm	Truhlářství Vladislav Pánek
Wooden door leaf - solid	DP5	HDF board 3 mm Wooden particle board 11 mm Wooden particle board 11 mm Wooden particle board 11 mm HDF board 3 mm	Truhlářství Vladislav Pánek
Single glazed door leaf – with frame	D1	Laminated Float Glass • 1 x Stratobel 44.1 or • 1 x VSG 44.1	Stavební Interiérové Systémy s.r.o.
Single glazed door leaf – with frame	D1A	Laminated Float Glass • 1 x Stratophone 44.2	Stavební Interiérové Systémy s.r.o.
Double glazed door leaf – with frame	D2	Laminated Float Glass • 1 x Stratobel 33.1 or • 1 x VSG 33.1 • 1 x Stratobel 44.1 or • 1 x VSG 44.1	Stavební Interiérové Systémy s.r.o.
Double glazed door leaf – with frame	D2A	Laminated Float Glass • 1 x Stratophone 33.2 • 1 x Stratophone 44.2	Stavební Interiérové Systémy s.r.o.
Frameless glazed door leaf	DS1, DSA1	Tempered Float glass • 1 x ESG 10 mm or 12 mm	Stavební Interiérové Systémy s.r.o., Ertl Glas s.r.o.
Single glazed door leaf – with frame	D3A	Insulating double-glazed 26 mm (6 mm glass + 16 mm frame + 4 mm glass)	Stavební Interiérové Systémy s.r.o.
Single glazed door leaf – with frame	D3B	Insulating double-glazed 28 mm (10 mm glass + 14 mm frame + 4 mm glass)	Stavební Interiérové Systémy s.r.o.
Single glazed door leaf – with frame	D3C	Insulating double-glazed 30 mm (4 mm glass + 22 mm frame + 4 mm glass)	Stavební Interiérové Systémy s.r.o.
Single glazed door leaf – with frame	D3E	Insulating double-glazed 26,2 mm (Stratophone 44.2 mm + 12 mm frame + Stratophone 33.2 mm)	Stavební Interiérové Systémy s.r.o.
Single glazed door leaf – with frame	D3F	Insulating double-glazed 29 mm (Stratophone 44.2 mm + 12 mm frame + VSG 44.1)	Stavební Interiérové Systémy s.r.o.
Coating of wooden door leaf	–	Lamino, CPL, HPL, veneer, varnished	Truhlářství Vladislav Pánek, Démos trade, a.s.
Aluminium door-profile for simple glazed door for 8 mm glazing	NP-4428	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Aluminium profile - Glazing profile for simple glazed door (for NP-4428)	Z40-665	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Aluminium door-profile for insulating double-glazed door	NP-4810	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia

Frame profiles and accessories for hinged door	Code	Composition	Supplier
Aluminium profile - Glazing profile for doors with insulating double glass	NP-4811	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Aluminium door-profile for double glazed door	NP-4430	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Aluminium profile - Covering T-profile	NP-3191	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Aluminium Covering profile for door-profiles	NP-4429	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Aluminium profile for double doors	NP-4840	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Connecting L-profile	710.072 (RSD)	EN AW 6060 T66, EN 573-3	FEAL HRVATSKA d.o.o. - Croatia
Door frame profile - Clarus	NP-3192	EN AW 6060 T66, EN 573-3	GRUPA KETY S.A. – Poland FEAL HRVATSKA d.o.o. - Croatia
Door frame profile	Bartosini-Palermo	EN AW 6060	BARTOSINI s.r.o.
Accesssories for door frame Palermo	Acc. Palermo-set	–	BARTOSINI s.r.o.
Rubber sealing tape	ZK 2115	PVC	Okentës s.r.o.
Rubber seal	VP1	PVC	Okentës s.r.o.
Rubber seal for door frame	GDZ 1	PVC	Okentës s.r.o.
Foam gasket	TN119PE	Foam	Okentës s.r.o.
Door hinges with acceleration	TECTUS 340 3D	Aluminium and zinc die casting	Schachermayer s.r.o.
Door hinges with acceleration	JUST 3D	Fe / white zinc, dark nickel or stainless steel	POOR-Trade v.o.s.
Door hinges for glass doors	DORMA, WSS, Bartosini, TWIN, M&T	Stainless steel, anodized, colored	BARTOSINI s.r.o., TWIN s.r.o., M&T, Lanos s.r.o.,
Door lock	HOBES K133, K105	Galvanized steel	JAKOV-AZ s.r.o.
Door lock	Euro Elzett 90/35	Stainless steel	JAKOV-AZ s.r.o.
Door electric lock	ASSA ABLOY	Stainless steel	ASSA ABLOY Czech & Slovakia s.r.o.
Electric opening device	ASSA ABLOY EL460, EL560, EL420	Stainless steel	ASSA ABLOY Czech & Slovakia s.r.o.
Electric opening device	SALTO	Stainless steel, brass, black	SALTO Systems Czech Republic
Electric opening device	KABA	Steel, chrome, brass, nickel	AD SECURITY s.r.o.
Electric opening device	RICHTER	Stainless steel, chrome, nickel, colored	RICHTER CZECH s.r.o.

Frame profiles and accessories for hinged door	Code	Composition	Supplier
Panic mechanical locks	NEMEF 9600, 9670	Stainless steel	ASSA ABLOY Czech & Slovakia s.r.o.
Door lock for glass doors	DORMA, WSS, Bartosini, TWIN, M&T	Stainless steel, anodized, colored	BARTOSINI s.r.o., TWIN s.r.o., M&T, Lanos s.r.o.,
Door hardware	HOPPE	Chromium-nickel steel	HOPPE s.r.o.
Door hardware	TWIN	Stainless steel	TWIN s.r.o.
Door hardware	COBRA	Stainless steel, anodised	COBRA s.r.o.
Door hardware	M&T	Stainless steel, chrome, nickel, colored	M&T
Door hardware	EUROLATON	Stainless steel, Aluminium	EUROLATON CHEQIA s.r.o.
Door hardware	MP KOVÁNÍ	Stainless steel, aluminium, chrome, nickel, colored	MP Kování s.r.o.
Door hardware	EfB-kování	Al-anodized, stainless steel, brass, bronze	EfB s.r.o.
Door hardware	Schachermayer	Stainless steel	Schachermayer s.r.o.
Door hardware	Bartosini	Satin stainless steel, Alu-anodised	BARTOSINI s.r.o.
Door hardware	DORMA	Stainless steel, Alu-anodised	BARTOSINI s.r.o.
Door hardware	WSS	Stainless steel, Alu-anodised	Lanos s.r.o.
Door hardware	AC-T Servis	Stainless steel, chrome, nickel, colored	AC-T servis s.r.o.
Door hardware	RICHTER	Stainless steel, aluminium, FeZn, Black coclour - Zamak	RICHTER CZECH s.r.o.
Door hardware	ASSA ABLOY VAASA / LAPUA	Stainless steel	ASSA ABLOY Czech & Slovakia s.r.o.
Door hardware	SALTO	Stainless steel, brass, black	SALTO Systems Czech Republic
Door hardware	KABA	Steel, chrome, brass, nickel	AD SECURITY s.r.o.
Self-closing device	GEZE TS3000, TS4000, TS5000	Silver, white, black, brown	Lanos s.r.o.
Self-closing device	BRANO	Silver, gold	JAKOV-AZ s.r.o.
Self-closing device	DORMA	Stainless steel, silver, white	BARTOSINI s.r.o.
Self-closing device	ASSA ABLOY	Stainless steel, silver, white, brown, black	ASSA ABLOY Czech & Slovakia s.r.o.
Self-closing device	RICHTER	Stainless steel, chrome, nickel, colored	RICHTER CZECH s.r.o.
Self-closing device	KABA	Silver, white	AD SECURITY s.r.o.
Self-closing device	SALTO	Stainless steel, brass, black	SALTO Systems Czech Republic
Door drop-down seal	Planet KG-F10, F12	Stainless steel, alu-anodised	Okentěs s.r.o.
Door drop-down seal	Ellen-Matic Ferro / Ferro-S	Aluminium and PVC	Okentěs s.r.o.

2. Specification of the intended use(s) in accordance with the applicable European Assessment Document (hereinafter EAD)

2.1 Intended use

The interior dividing partition kits SIS CLARUS are intended to be used for non-load bearing walls mainly for residential buildings, offices and public buildings, with an average air temperature in the range from 5 °C to 35 °C and an average daily air relative humidity in the range from 20 % RH to 75 % RH (maximum air relative humidity only exceeding 85 % RH for short periods of time).

The provisions made in this European Technical Assessment are based on an assumed working life of 25 years as minimum, provided that the internal relocate able partition kits are subject to appropriate use and maintenance.

The indications given on the working life cannot be interpreted as a guarantee given by the producer or Assessment Body, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

2.2 Manufacturing

The European Technical Assessment is issued for the interior dividing partition kits SIS CLARUS on the basis of agreed data/information, deposited with the Technical and Test Institute for Construction Prague, which identifies the kit that has been assessed and judged. Changes to the kit or production process, which could result in this deposited data/information being incorrect, shall be notified to the Technical and Test Institute for Construction Prague before the changes are introduced. The Technical and Test Institute for Construction Prague will decide whether or not such changes affect the ETA and consequently the validity of the CE marking on the basis of the ETA and if so whether further assessment or alterations to the ETA, shall be necessary.

2.3 Design and installation

It is assumed that the interior dividing partition kits SIS CLARUS will be installed according to the manufacturer's instructions or in absence of such instructions according to the usual practice of the building professionals.

2.4 Packaging, transport and storage

The information on packaging, transport and storage is given in the manufacturer's technical documentation. It is the responsibility of the manufacturer(s) to ensure that this information is made know to the concerned people.

2.5 Use, maintenance and repair

The maintenance of interior dividing partition kits SIS CLARUS or kit components includes inspections on site, taking into account the following aspects:

- Regarding the panels: Appearance of any damage such as cracking, delamination or detachment due to permanent and irreversible deformation
- Regarding metallic components: Presence of corrosion or water accumulation
- Necessary repairs should be done rapidly, using the same kit components and following the repair instructions given by ETA holder

The information on use, maintenance and repair is given in the manufacturer's technical documentation. It is the responsibility of the manufacturer(s) to ensure that this information is made know to the concerned people.

3. Performance of the product and references to the methods used for its assessment

The identification tests and the assessment for the intended use of these interior dividing partition kits SIS CLARUS according to the Basic Requirements (BWR) were carried out in compliance with EAD 210005-00-0505. The characteristic of the components shall correspond to the respective values laid down in the technical documentation of this ETA, checked by TTIC Prague.

3.1 Mechanical resistance and stability (BWR 1)

Requirements with respect to the mechanical resistance and stability of non-load bearing parts of the works are not included in this Essential Requirement but are treated under the Essential Requirement Safety in use (See section 3.4).

3.2 Safety in case of fire (BWR 2)

3.2.1 Reaction to fire

No performance assessed.

3.2.2 Fire resistance

No performance assessed.

3.3 Hygiene, health and environment (BWR 3)

3.3.1 Content, emission and/or release of dangerous substances

No performance assessed.

3.3.2 Water vapour permeability

No performance assessed.

3.4 Safety and accessibility in use (BWR 4)

3.4.1 Sill height

No performance assessed.

3.4.2 Resistance to damage and functional failure from horizontal loads

The resistance to damage and functional failure from horizontal loads was tested in accordance with Cl. 2.2.6 of the EAD 210005-00-0505. The classification was carried out through reference to EAD 210005-00-0505 use categories. The most critical case was tested. The use categories are given in the Table 12 and 13.

Table 12: Resistance to damage from horizontal loads

Panel type	Resistance to damage from soft body impact load (50 kg bag)	Resistance to damage from hard body impact load (1 kg steel ball)
CLARUS A1-1*	IVa 400 Nm	IV 10 Nm
CLARUS A2-1**	IVb 500 Nm	IV 10 Nm
Other configuration	NPA	NPA

* The use category is valid for CLARUS A1-2, CLARUS A1-3, CLARUS A1-3-1 and CLARUS A1-1-3-2 too.

** The use category is valid for CLARUS A2-2 and CALRUS A2-3 too.

Table 13: Resistance to functional failure from horizontal loads

Panel type	Resistance to functional failure from soft body impact load (50 kg bag)	Resistance to functional failure from hard body impact load (0,5 kg steel ball)
CLARUS A1-1*	IV 120 Nm	IV 6 Nm
CLARUS A2-1**	IV 120 Nm	IV 6 Nm
Other configuration	NPA	NPA

* The use category is valid for CLARUS A1-2, CLARUS A1-3, CLARUS A1-3-1 and CLARUS A1-1-3-2 too.

** The use category is valid for CLARUS A2-2 and CALRUS A2-3 too.

3.4.3 Resistance to damage and functional failure from eccentric vertical loads

No performance assessed.

3.4.4 Resistance to horizontal linear static load

No performance assessed.

3.4.5 Resistance to functional failure from point loads parallel or perpendicular to the surface

No performance assessed.

3.4.6 Rigidity of partitions to be used as a substrate for ceramic tilling

No performance assessed.

3.4.7 Safety against personal injuries by contact

When properly installed the interior dividing partition kits SIS CLARUS do not contain any sharp and cutting edges which cause the risk of abrasion or cutting people or peoples clothing.

3.4.8 Resistance to deterioration

No performance assessed.

3.5 Protection against noise (BWR 5)

3.5.1 Airborne sound insulation

The airborne sound insulation was tested in accordance with Cl. 2.2.13 of the EAD 210005-00-0505 with reference to the following standards: EN ISO 10140-2, EN ISO 717-1. The reached values for the weighted airborne sound insulation R_w are given in the Table 14 and 15.

Table 14: Airborne sound insulation R_w (C; C_{tr}) of interior dividing partition kits SIS CLARUS

Measurement of airborne sound insulation	R_w (C; C_{tr}) [dB]
CLARUS A1-1: 1x VSG 44.1 + 1x Stratophone 44.2, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (970x3068x80) mm	45 (-1; -4)
CLARUS A1-2: 1x VSG 44.1 + 1x ESG 8 mm, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (970x3068x80) mm	43 (-1; -4)
CLARUS A1-3-1: 1x ESG 10 mm + 1x VSG 55.1, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (1360x1540x80) mm	44 (-2; -3)
CLARUS A1-3-2: 1x ESG 10 mm + 1x Stratophone 55.2, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (1360x1540x80) mm	45 (-2; -4)
CLARUS A1-3-3: 1x VSG 55.1 + 1x Stratophone 55.2, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (1360x1540x80) mm	46 (-1; -3)
CLARUS A1-P: wooden particular board laminated, thickness 12 mm, thermal insulation URSA 40 mm, frame is made of Al profiles, dimensions of partition kit: (1360x1540x80) mm	45 (-3; -8)
CLARUS A2-1: 1x VSG 44.1 + 1x VSG 33.1, frame is made of Al profiles, dimensions of partition kit: (970x3068x80) mm	43 (-1; -4)

Measurement of airborne sound insulation	R_w (C; C_{tr}) [dB]
CLARUS A2-2: 1x VSG 44.1 + 1x Stratophone 44.2, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (970x2120x80) mm	45 (-1; -4)
CLARUS A2-3: 1x Stratophone 33.2 + 1x Stratophone 44.2, frame is made of Al profiles, dimensions of partition kit: (1360x1540x80) mm	49 (-1; -6)
CLARUS S1-1: 1x ESG 10 mm, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (1360x1540) mm, thickness 20 mm (frame) and 10 mm (glass)	34 (-1; -2)
CLARUS S1-2: 1x VSG 55.1, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (1360x1540) mm, thickness 20 mm (frame) and 10 mm (glass)	35 (0; -2)
CLARUS S1-3: 1x Stratophone 55.2 (VSG 55.2), connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (970x3068) mm, thickness 20 mm (frame) and 10,2 mm (glass)	37 (-1; -3)
CLARUS S1-3: 1x Stratophone 55.2, connection of glasses by 3M double-sided adhesive tape, frame is made of Al profiles, dimensions of partition kit: (1360x1540) mm, thickness 20 mm (frame) and 10 mm (glass)	37 (-1; -3)
CLARUS S2-1: 1x Stratophone 44.2, frame is made of Al profiles, dimensions of partition kit: (1360x1540x80) mm	36 (-1; -3)

Table 15: Airborne sound insulation R_w (C; C_{tr}) of door CLARUS

Measurement of airborne sound insulation	R_w (C; C_{tr}) [dB]
Door, type CLARUS DPKO – solid, composition according to Annex A	38 (-1; -4)
Door, type CLARUS DP3 – solid, composition according to Annex A	31 (-1; -1)
Door, type CLARUS DP4 – solid, composition according to Annex A	35 (-1; -2)
Door, type CLARUS DP5 – solid, composition according to Annex A	38 (-1; -4)
Door, type CLARUS D1 – glazed, composition according to Annex A	33 (-1; -2)
Door, type CLARUS D1A – glazed, composition according to Annex A	37 (-1; -3)
Door, type CLARUS D2 – glazed, composition according to Annex A	35 (-1; -3)
Door, type CLARUS D2A – glazed, composition according to Annex A	37 (-1; -4)
Door, type CLARUS D3A – glazed, composition according to Annex A	34 (-1; -3)
Door, type CLARUS D3B – glazed, composition according to Annex A	36 (-1; -3)
Door, type CLARUS D3C – glazed, composition according to Annex A	30 (-1; -3)
Door, type CLARUS D3E – glazed, composition according to Annex A	38 (-2; -4)
Door, type CLARUS D3F – glazed, composition according to Annex A	35 (-1; -3)
Door, type CLARUS DS1 – glazed, composition according to Annex A	30 (-1; -2)
Door, type CLARUS DS1A – glazed, composition according to Annex A	32 (-1; -2)

3.5.2 Sound absorption

No performance assessed.

3.6 Energy economy and heat retention (BWR 6)

3.6.1 Thermal resistance

No performance assessed.

3.6.2 Thermal inertia

No performance assessed.

3.7 Sustainable use of natural resources (BWR 7)

No performance assessed.

4. Assessment and verification of constancy of performance (hereinafter AVCP) system applied, with reference to its legal base

According to the European Commission decision 98/213/EC, amended by European Commission decision 2001/596/EC, the AVPC system (further described in Annex V to Regulation (EU) No 305/2011) given in following table applies:

Product(s)	Intended use(s)	Level(s) or class(es) (Reaction to fire)	System(s)
Internal partition kits	For uses subject to reaction to fire requirements	A1(*), A2(*), B(*), C(*)	1
		A1(**), A2(**), B(**), C(**), D, E	3
		A1*** to E***, F	4
	For fire compartmentation	any	3
	For uses subject to regulations on dangerous substances	--	3
	For uses liable to present "safety-in-use" risks and subject to such regulations	--	3
	For uses other than those mentioned in the above	--	4

* Products/materials for which a clearly identified stage in the production, results in an improvement of the reaction to fire classification (e.g. an addition of fire retardants or a limiting of organic material).

** Products/materials not covered by footnote (*).

*** Products/materials of class A1 that according to Decision 96/603/EC, amended by EC Decision 200/605/EC, do not require to be tested for reaction to fire

The systems 1, 3 and 4, referred above is described in Construction Products Regulation (EU) No 305/2011, Annex V, clauses 1.2, 1.4 and 1.5.

5. Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD

In order to help the Notified Body to make an evaluation of conformity, the Technical Assessment Body issuing the ETA shall supply the information detailed below. This information together with the requirements given in EC Guidance Paper B will generally form the basis on which the factory production control (FPC) is assessed by the Notified Body.

This information shall initially be prepared or collected by the Technical Assessment Body and shall be agreed with the manufacturer. The following gives guidance on the type of information required:

- The ETA
  Where confidentiality of information is required, this ETA makes reference to the manufacturer's technical documentation which contains such information.

- Basic manufacturing process
  The basic manufacturing process is described in sufficient detail to support the proposed FPC methods.
  The different components of the interior dividing partition kits SIS CLARUS are generally manufactured using conventional techniques. Any critical process or treatment of the components which affects performance are highlighted in the manufacturer's documentation.

- Product and materials specifications

  The manufacturer's documentation includes:

  - detailed drawings (possibly including manufacturing tolerances),

  - incoming (raw) materials specifications and declarations,

  - references to European and/or international standards,

  - technical data sheets.

- Control Plan (as a part of FPC)
  The manufacturer and the Technical and Test Institute for Construction Prague have agreed a Control Plan which is deposited with the Technical and Test Institute for Construction in documentation which accompanies the ETA. The Control Plan specifies the type and frequency of checks/tests conducted during production and on the final product. This includes the checks conducted during manufacture on properties that cannot be inspected at a later stage and for checks on the final product.

  Products not manufactured by the interior dividing partition kits SIS CLARUS manufacturer shall also be tested according to the Control Plan. It must be demonstrated to the Notified Body that the FPC system contains elements securing that the internal relocatable partition kits SIS CLARUS manufacturer takes products conforming to the Control Plan from his supplier(s).

  Where materials/components are not manufactured and tested by the supplier in accordance with agreed methods, then where appropriate they shall be subject to suitable checks/tests by the internal relocatable partition kits SIS CLARUS manufacturer before acceptance.

In cases where the provisions of the European Technical Assessment and its Control Plan are no longer fulfilled, the Notified Body shall withdraw the certificate and inform Technical and Test Institute for Construction Prague without delay.

Issued in Prague on 09.09.2020

Ing. Mária Schaan

Head of the Technical Assessment Body

Annexes:

Annex A: Composition of door CLARUS

Annex B List of aluminium profiles for partitions CLARUS

Annex C: Quality control of components of kits manufactured by suppliers or holder

Annex A: Composition of door CLARUS

Table A1: Door CLARUS, type DPKO – wooden solid

Door CLARUS, type DPKO – wooden solid	
Wooden door leaf - solid	Wooden particle board 8 mm Wooden particle board 2x 4 mm Steel sheet 0,5 mm Wooden particle board 2x 4 mm Steel sheet 0,5 mm Wooden particle board 2x 4 mm Wooden particle board 8 mm
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x2040x41) mm
Dimensions of door frame	(910x2095x80) mm
Coating	Lamino, CPL, HPL, veneer, painting, varnish
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	65,50 kg
The sealing slip profile (door drop-down seal) is installed to the lower edge of door leaf. The sealing rubber smoke-tight tape is installed around perimeter of door leaf.	

Table A2: Door CLARUS, type DP3 – wooden solid

Door CLARUS, type DP3 – wooden solid	
Wooden door leaf - solid	Wooden particle board laminated 18 mm HDF board 3 mm Wooden particle board laminated 18 mm The connection of board is made by gluing .
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x(2060-3000)x40) mm
Dimensions of door frame	(910x(2108-3068)x80) mm
Coating	Lamino, CPL, HPL, veneer, painting, varnish
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	42,20 kg – 70,20 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed to the lower edge of door leaf.	

Table A3: Door CLARUS, type DP4 – wooden solid

Door CLARUS, type DP4 – wooden solid	
Wooden door leaf - solid	Wooden particle board laminated 18 mm HDF board 3 mm Aluminium sheet, thickness 1 mm Wooden particle board laminated 18 mm The connection of board is made by gluing. The edge of leaf chamfers by ABS edge, thickness 2 mm.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x(2060-3000)x40) mm
Dimensions of door frame	(910x(2108-3068)x80) mm
Coating	Lamino, CPL, HPL, veneer, painting, varnish
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA

Door CLARUS, type DP4 – wooden solid	
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	49,60 kg – 72,30 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed to the lower edge of door leaf.	

Table A4: Door CLARUS, type DP5 – wooden solid

Door CLARUS, type DP5 – wooden solid	
Wooden door leaf - solid	HDF board 3 mm Wooden particle board 11 mm Wooden particle board 11 mm Wooden particle board 11 mm HDF board 3 mm The connection of board is made by gluing. The edge of leaf chamfers by ABS edge, thickness 2 mm.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x(2060-3000)x40) mm
Dimensions of door frame	(910x(2108-3068)x80) mm
Coating	Lamino, CPL, HPL, veneer, painting, varnish
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	47,90 kg – 69,80 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed to the lower edge of door leaf.	

Table A5: Door CLARUS, type D1 – single glazed door leaf – with frame

Door CLARUS, type D1 – single glazed door leaf – with frame	
Glazed door leaf	Laminated Float Glass • 1 x Stratobel 44.1 or 1 x VSG 44.1 The glass panel is fixed to the door leaf frame by aluminium profile Z40-665 with rubber seal VP1 around the perimeter.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x2040x40) mm
Dimensions of door frame	(910x2095x80) mm
Coating of aluminium frame	Painting KOMAXIT
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	38,50 kg
The sealing slip profile (door drop-down seal) is installed on lower edge of door leaf.	

Table A6: Door CLARUS, type D1A – single glazed door leaf – with frame

Door CLARUS, type D1A – single glazed door leaf – with frame	
Glazed door leaf	Laminated Float Glass • 1 x Stratophone 44.2 The glass panel is fixed to the door leaf frame by aluminium profile Z40-665 with rubber seal VP1 around the perimeter.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x2040x40) mm
Dimensions of door frame	(910x2095x80) mm
Coating of aluminium frame	Painting KOMAXIT

Door CLARUS, type D1A – single glazed door leaf – with frame	
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	38,50 kg – 56,40 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed on lower edge of door leaf.	

Table A7: Door CLARUS, type D2 – double glazed door leaf – with frame

Door CLARUS, type D2 – double glazed door leaf – with frame	
Glazed door leaf	Laminated Float Glass • 1 x Stratobel 33.1 or 1 x VSG 33.1 • 1 x Stratobel 44.1 or 1 x VSG 44.1 The glass panel is fixed to the door leaf frame by special fixing devices and aluminium profile NP-3191 around the perimeter. The perimeter of door frame is provided by rubber sealing tape ZK 2115.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x2040x40) mm
Dimensions of door frame	(910x2095x80) mm
Coating of aluminium frame	Painting KOMAXIT
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	57,10 kg
The sealing slip profile (door drop-down seal) is installed on lower edge of door leaf.	

Table A8: Door CLARUS, type D2A – double glazed door leaf – with frame

Door CLARUS, type D2A – double glazed door leaf – with frame	
Glazed door leaf	Laminated Float Glass • 1 x Stratophone 33.2 • 1 x Stratophone 44.2 The glass panel is fixed to the door leaf frame by special fixing devices and aluminium profile NP-3191 around the perimeter. The perimeter of door frame is provided by rubber sealing tape ZK 2115.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x2040x40) mm
Dimensions of door frame	(910x2095x80) mm
Coating of aluminium frame	Painting KOMAXIT
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO
Door hardware	TWIN, COBRA, M&T, HOPPE, EOROLATON, MP KOVÁNÍM EfB-kování, Schachermayer, Bartosiny, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER KABA
Weight of door leaf	57,30 kg
The sealing slip profile is installed on lower edge of door leaf.	

Table A9: Door CLARUS, type DS1 and DS1A – single glazed door leaf – frameless

Door CLARUS, type DS1, DS1A – single glazed door leaf – frameless	
Glazed door leaf	Tempered Float glass • 1 x ESG 10 mm The glass panel is mounted to the door frame.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm

Door CLARUS, type DS1, DS1A – single glazed door leaf – frameless	
Dimensions of door leaf	(930x2100x10) mm
Dimensions of door frame	(1010x2155x80) mm
Coating of aluminium frame	Painting KOMAXIT
Door hinges with acceleration	DORMA, Bartosini, WSS, M&T, TWIN,
Door mortise lock	DORMA, Bartosini, WSS, M&T TWIN
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER KABA
Weight of door leaf	51,00 kg
Door drop-down seal	The sealing slip profile is installed to the lower edge of door leaf.

Table A10: Door CLARUS, type D3A – single glazed door leaf – with frame

Door CLARUS, type D3A – single glazed door leaf – with frame	
Glazed door leaf	Insulating double-glazed 26 mm (6 mm glass + 16 mm frame + 4 mm glass) The glass panel is fixed to the door leaf frame by aluminium profile NP-4811 with rubber seal VP1 around the perimeter.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x(2040-3000)x40) mm
Dimensions of door frame	(910x(2108-3068)x80) mm
Coating of aluminium frame	Painting KOMAXIT
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	43,50 kg – 63,72 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed on lower edge of door leaf.	

Table A11: Door CLARUS, type D3B – single glazed door leaf – with frame

Door CLARUS, type D3B – single glazed door leaf – with frame	
Glazed door leaf	Insulating double-glazed 28 mm (10 mm glass + 14 mm frame + 4 mm glass) The glass panel is fixed to the door leaf frame by aluminium profile NP-4811 with rubber seal VP1 around the perimeter.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x(2040-3000)x40) mm
Dimensions of door frame	(910x(2108-3068)x80) mm
Coating of aluminium frame	Painting KOMAXIT
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	49,80 kg – 72,94 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed on lower edge of door leaf.	

Table A12: Door CLARUS, type D3C – single glazed door leaf – with frame

Door CLARUS, type D3C – single glazed door leaf – with frame	
Glazed door leaf	Insulating double-glazed 28 mm (4 mm glass + 22 mm frame + 4 mm glass) The glass panel is fixed to the door leaf frame by aluminium profile NP-4811 with rubber seal VP1 around the perimeter.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x(2040-3000)x40) mm
Dimensions of door frame	(910x(2108-3068)x80) mm
Coating of aluminium frame	Painting KOMAXIT

Door CLARUS, type D3C – single glazed door leaf – with frame	
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER KABA
Weight of door leaf	39,40 kg – 57,70 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed on lower edge of door leaf.	

Table A13: Door CLARUS, type D3E – single glazed door leaf – with frame

Door CLARUS, type D3E – single glazed door leaf – with frame	
Glazed door leaf	Insulating double-glazed 26,2 mm (Stratophone 44.2 + 12 mm frame + Stratophone 33.2) The glass panel is fixed to the door leaf frame by aluminium profile NP-4811 with rubber seal VP1 around the perimeter.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x(2040-3000)x40) mm
Dimensions of door frame	(910x(2108-3068)x80) mm
Coating of aluminium frame	Painting KOMAXIT
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	42,90 kg – 62,90 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed on lower edge of door leaf.	

Table A14: Door CLARUS, type D3F – single glazed door leaf – with frame

Door CLARUS, type D3F – single glazed door leaf – with frame	
Glazed door leaf	Insulating double-glazed 29 mm (Stratophone 44.2 + 12 mm frame + VSG 44.1) The glass panel is fixed to the door leaf frame by aluminium profile NP-4811 with rubber seal VP1 around the perimeter.
Typical width of door leaf	630 mm, 730 mm, 830 mm, 930 mm
Dimensions of door leaf	(830x(2040-3000)x40) mm
Dimensions of door frame	(910x(2108-3068)x80) mm
Coating of aluminium frame	Painting KOMAXIT
Door hinges with acceleration	TECTUS 340 3D (hidden), JUST 3D
Door mortise lock	HOBES, ASSA ABLOY, GEZE, NEMEF, SALTO, KABA
Door hardware	TWIN, COBRA, M&T, HOPPE, EUROLATON, MP KOVÁNÍ EfB-kování, Schachermayer, Bartosini, DORMA, WSS, AC-T Servis, ASSA ABLOY, SALTO, KABA
Self-closing device (option)	GEZE, BRANO, DORMA, ASSA ABLOY, RICHTER, KABA
Weight of door leaf	48,70 kg – 71,30 kg (it depends on dimensions of door leaf)
The sealing slip profile (door drop-down seal) is installed on lower edge of door leaf.	

Annex B: List of aluminium profiles for partitions CLARUS

1) NP-3185  RAIL

2) NP-3186  RAIL-2

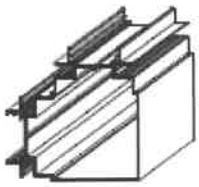
3) NP-3194  POST

5) NP-3191  COVERING T-PROFILE

6) NP-3193  FINISHING PROFILE

7) NP-3189  SIMPLE GLAZING PROFILE

8) NP-3190  DUBLE GLAZING PROFILE

9) NP-4431  RIGHT ANGLE - 90°

10) NP-4432  U-PROFILE
Top and Lateral profile 30x20x30

11) NP-3192  DOORFRAME

12) M110  TUBE

13) NP-4437  VARIABLE ANGLE PROFILE

15) NP-4430  PROFILE FOR DOUBLE GLAZED DOOR

16) NP-4428  PROFILE FOR SIMPLE GLAZED DOOR FOR 8 mm GLAZING

17) Z40-865  GLAZING PROFILE FOR SIMPLE GLAZED DOOR

18) NP-4429  COVERING PROFILE FOR DOOR-PROFILES

19) U-20x20  U-PROFILE
Bottom profile 20x20x20

20) NP-4810  PROFILE FOR INSULATING DOUBLE GLAZED DOOR

21) NP-4811  GLAZING PROFILE FOR DOORS WITH INSULATING DOUBLE GLASS

22) NP-4812  DOUBLE GLAZING PROFILE

23) NP-4840  PROFILE FOR DOUBLE DOORS

Annex C: Quality control of components of kits manufactured by suppliers or holder

This confidential information is not included in the ETA when that assessment is publicly available.