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European Technical Assement ETA-05/0040 of 25/05/2015

PARTIE GENERALE

Organisme d'Evaluation Technique délivrant l'Evaluation Technique Européenne : Centre Scientifique et Technique du Bâtiment (CSTB)	
Dénomination commerciale du produit de construction :	SYNOPS I et SYNCHRONE
Famille de produits à laquelle le produit de construction appartient :	Internal partition kits for use as non-loadbearing walls
Fabricant :	CLESTRA 1 route du Docteur Albert Schweitzer CS 40309 FR – 67411 STRASBOURG
Usine(s) de fabrication :	CLESTRA 1 route du Docteur Albert Schweitzer CS 40309 FR – 67411 STRASBOURG
Cette Evaluation Technique Européenne contient :	82 pages including 10 Annexs which form an integral part of this assessment.
	Annex(es) contain(s) confidential information and is/are not included in the European Technical Assessment when that assessment is publicly disseminated
Cette Évaluation Technique Européenne est délivrée conformément au Règlement (UE) n° 305/2011, sur la base du :	ETAG 003, edition décember 1998, modified in april 2012, used as European Assessment Document (EAD)
Cette version remplace :	ETA 058/0040, issued on 30/03/2010

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SPECIFIC PART

1. Technical description of the product

SYNOPS I and SYNCHRONE partitions (abbreviation P85, respectively P83) consist of a 83mm thickness panel, either opaque panel with two steel sheets on both side, either glazed panel with aluminium profile.

SYNOPS I is only adapted to have bookshelves.

Opaque panel, abbreviation P85 M or P83 M :

The two steel sheets are 1mm thick for P85M Panels and 0,9 mm or 1 mm thick for P83M Panels with different types of steel stiffeners fixed by spot welding.

Between those two sheets, a gypsum board may be added and fixed on the sheet.

The insulation material is placed in the panel without any air gaps.

The several versions are described in annex 5 and 6.

The maximum dimensions are 3600 mm heigh per 1500 mm wide.

See annex 10 for drawing of the partition type and its components.

Nomenclature of components is given in appendix apprendix 4.

Opaque panels wood, P85 abbreviations. and P83 . :

The two wooden panels are 16 mm thick and the amounts and calle steel or aluminum spacer fixed by screwing.

Between these two wood panels, a plasterboard can be added and fixed on the panel.

The insulation material is placed in the panel without any air gaps.

The different versions are described in Appendices 5 and 6.

The maximum dimensions are 3200 mm height per 1226 mm width.

See annex 10 for drawing of the partition type and its components.

The nomenclature of the components is given in Appendix 4.

Glazed panel :

The different types and nature of glazed panel are given in appendixes 5 and 7:

The glass thickness is 6, 8, 10 or 12 mm.

The maximum dimensions are 3250 mm high per 1500 mm wide.

See annex 10 for drawing of the partition type and its components.

Accessoires :

For bookshelves, a specific profile is used and fixed all 25 cm. See annex 10 for drawing of this accessory.

Note: For the use IVc category of soft body impact resistance (according to ETAG 003 Draft revised edition July 2003), a specific accessory must be used to reinforce the panel. See annex 10 for drawing of this accessory..

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

The partitions kits are intended to be used as lightweight relocatable partition kits for residential building, offices, and public buildings, with an average air temperature range from 5°C to 35°C and an average relative daily humidity range from 20 % RH to 75 % RH.

The provisions made in this European Technical Evaluation are based on the assumed working life of the SSGS of 25 years. The assumed working life of a system cannot be taken as a guarantee given by the producer, but are to be used as a mean for selecting the appropriate product in relation to the expected economically reasonable working life of the works.

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

The assessment of the fitness for use of the structural sealants for the intended use in relation to the requirements for safety in case of fire, hygiene, health and environment, safety in use, energy economy and heat retention in the sense of Essential Requirements 2, 3, 4, 5 and 6, has been carried out in accordance with ETAG 003.

3.1 Mechanical resistance and stability (BWR 1)

Not relevant.

3.2 Safety in case of fire (BWR 2)

Reaction to fire: classA2 S1,d0 according to EN 13501-1.

3.3 Hygiene, health and the environment (BWR 3)

Dangerous substances:

The manufacturer made a declaration of conformity to the Council Directive 76/769/EEC and its amendments.

In addition to the specific clauses relating to dangerous substances contained in this ETA, there may be other requirements applicable to the sealants (e.g. transposed European legislation and national laws, regulations and administrative provisions).

In order to meet the provisions of the EU Construction Product Directive, these requirements need also to be complied with, when and where they apply.

Air permability:

Not relevant

Wathertighness:

Not relevant

3.4 Safety and accessibility in use (BWR 4)

The characteristics of the sealants have been established on the basis of test results in accordance to chapter 4.4.1 and 4.4.2 of ETAG 003.

3.5 Protection against noise (BWR 5)

Determination of insulation against airborne and sound absorption: with test.

3.6 Energy economy and heat retention (BWR 6)

Determination of thermal insulation and susceptibility to condensation: calculation method.

Not relevant.

3.7 Sustainable use of natural resources (BWR 7)

Not relevant.

3.8 Durability

Durability in use of the partition kit SYNOPS I and SYNCHRONE :

Any specific durability aspects have been covered. Under the headings above, EFAO 4 SAFETY AND ACCESSIBILITY IN USE

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

According to Decision 97/556/EC (Decision of the Commission of 14 July 1997, L 229 of 20.8.1997, p. 15), as amended by Decision 2001/596/EC (Decision of the Commission of 8 January 2001, L 209 of 2.8.2001, p. 33)1, the systems of AVCP given in the following table apply:

Product	System
partition kit	3

Tasks and responsibilities are described in Annex 1..

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

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited at the CSTB.

The control plan is given in Annex 2.

Issued in Marne-la-Vallée

The original version is signed by

Charles BALOCHE, Technical Manager of the CSTB

Annexs

Responsability

The attestation of conformity applied to this product specified by the European commission in Mandate Construct 98/213/EC, Annex 3, is system 3 since there is no improvement of the reaction of fire classification in the production process

1. Task for the manufacturer, factory production control

1.1 Factory production control

The manufacturer exercises permanent internal control of production. Quality control checks are made on incoming materials, and at regular stages throughout the production sequence to ensure the quality and fitness for use of the components.

The quality control on the components includes checks on dimensions, material quality.

The manufacturer preserves a file describing the task and test made by himself. This file includes information: on the main components of the kit; the metal sheet, the gypsum boards, the insulation material, the aluminium profile, the glass, and also on the control plan, which includes type and frequencies of the control.

1.2 Initial type test

The results of tests performed as a part of the assessment for this European Technical Agreement shall be used unless there are changes in the production line or plant. In such cases the necessary type testing has to be agreed between the manufacturer and the CSTB.

2. Marquage CE

The CE marking shall be affixed to the packaging and accompanying commercial document.

The symbol « CE » shall be accompanied by the following information:

- Name of the product : SYNOPS I or SYNCHRONE
- name or identifying mark of the producer and manufacturing plant: CLESTRA
- the last two digits of the year in which the CE-marking was affixed
- number of the European Technical Approval : ETA-05-0040

PARTITION KITS	ANNEX 1 (1/1) of ETA-05/0040
Task and responsibilities	

Manufacturing

All panels are be manufactured by CLESTRA-HAUSERMAN.

Installation

The main operations for installation are:

- Scribing
- Installation of ceiling and floor channel
- Installation and levelling of plinth
- Installation of panels
- Installation of cam clip
- Installation of post cap

Installation details are given by CLESTRA-HAUSERMAN in the Manufacturers Installation Guide

PARTITION KITS	
Assumptions under which the fitness of the product for the intended use was favourably assessed	**ANNEX 2 (1/1) of ETA-05/0040**

1. Recommendations for packaging, transport, and storage

Packaging

CLESTRA-HAUSERMAN ensures the packaging

Transport

CLESTRA-HAUSERMAN ensures the transport

Storage

Storage mode: between two uses, the partition panels can be stored in a suitable place. It is advisable to lay down the panels on their longest edge (i.e. laying). The floor, as well as any bearing surface, will be covered with a flexible material: fitted carpet, paperboard, felts, expanded foam carpets (polyurethane, polyethylene). If several panels must be piled up, take care to protect the contact surfaces using interlayer made up of the same flexible materials previously mentioned.

Storage surfaces: before storage, it is advisable to make sure of the mechanical resistance of the storage surface: maximum loading / m² for the floor and the stability under horizontal loads for the vertical supports.

Storage conditions: The partition panels will be stored in a room specially provided for this purpose. The conditions to respect in storage facilities are those mentioned in the § 2.3. of the ATE guide, namely in particular :

- an average air temperature in the range from 5°C to 35°C with a minimum of 0° and a maximum of 50°C;
- an average daily air relative humidity in the range from 20%RH to 75%RH.The maximum air relative humidity may exceed 85% RH only for short periods of time.

PARTITION KITS	**ANNEX 3 (1/3) of ETA-05/0040**
Recommendations	

2. Recommendations for uses, maintenance and repair

2.1 Maintenance

Cleaning of painted surfaces:

Prepare a 2% detergent solution by mixing cold water and a cleaning product (e.g. TEEPOL...). Any abrasive product is proscribed.

Wash the walls using a natural sponge soaked with detergent product. Start from the bottom, and progress to the top of the partition. Proceed by small surfaces without insisting on the rebel stains.

Treat the stains with a cleaning product adapted with their nature. Test firstly the compatibility of this product with the coating on an unapparent place.

Rinse from the top to the bottom by great surfaces, using a sponge soaked in clear water. Rinse frequently the sponge in clear water and change the rinsing water often.

Wipe using a wet chamois leather and always proceed downwards starting from the top. Rinse it frequently in clean water to eliminate any detergent residue and dry it.

IMPORTANT: The edges and the shrinkages in lower parts of the washed panels must be carefully dried under penalty of seeing corrosive effects developing in these places

PARTITION KITS	**ANNEX 3 (2/3) of ETA-05/0040**
Recommendations	

2.2 Repare

In the case of an accidental scratch of the painted surface, it is possible to retouch it using the air drying lacquer provided by CLESTRA.

To get this lacquer, contact the after-sales service CLESTRA specifying the colour reference.

Surface preparation: shell the damaged surface using a plug or a 400 grain paper.

Retouch painting application: Apply the painting using a brush or a small roller. For the majority of the colours, only one layer is enough. For certain clear colours, a second layer could turn out to be necessary. In this case, it can be applied if the drying durations indicated below are respected between the layers.

Duration of drying and precautions to be respected: 1 hour, under the hygrometrical conditions mentioned with the § 5.1.3 above, and at an ambient temperature of 20°C.

Solvent, cleaning of the tools: white spirit.

IMPORTANT: the retouch of metallised paintings requires the intervention of a specialist. Contact the after-sales service SAV CLESTRA HAUSERMAN.

PARTITION KITS	**ANNEX 3 (3/3) of ETA-05/0040**
Recommendations	

Nomenclature

Rep	Français	Deutsch	English
1	Lisse au plafond tôle d'acier 12/10	Deckenschiene Stahlblech 12/10	Ceiling channel steel sheet 12/10
2	Lisse au sol tôle d'acier 12/10	Bodenschiene Stahlblech 12/10	Floor channel steel sheet 12/10
3	Plinthe tôle d'acier 12/10	Sockelschiene Stahlblech 12/10	Plinth steel sheet 12/10
5	Support de cales tôle d'acier 10/10	Nivellierbrücke Stahlblech 10/10	Bridge steel sheet 10/10
6	Cale de nivelage tôle d'acier 10/10	Nivellierblatt Stahlblech 10/10	Levelling steel sheet 10/10
9	U contre mur ABM	U-Wandanschlußprofil ABM	U-connection profile to wall
65	Tôle perforée ép. 12/10	Lochblech 12/10 dick	Perforated sheet steel 12/10 thick
68	Tôle 15/10 soudée	Geschweisstes Blech 15/10 dick	Welded sheet steel 15/10 thick
69	Tôle 10/10 soudée	Geschweisstes Blech 10/10 dick	Welded sheet steel 10/10 thick
70	Parement MLT renfort	Verstärkung für MLT Wandschale	Reinforcement for MLT panel
80	Renfort haut tôle d'acier 6/10	Obere Element-Verstärkung Stahlblech 6/10 dick	Upper reinforcement steel sheet 6/10 thick
81	Renfort bas tôle d'acier 8/10	Untere Verstärkung Stahlblech 8/10 dick	Lower reinforcement steel sheet 8/10 thick
99	Raidisseur tôle d'acier 5/10	Versteifung Stahlblech 5/10	Stiffener steel sheet 5/10
187	Profil de centrage MV P86/P82	MV P86/P82 Zentrierprofil	MV P86/P82 centring profile
189	Vitrage (ép. de 6 à 10 mm)	Verglasung (6 bis 10 mm thick)	Glazing (6 bis 10 mm thick)
203	Plaquette de fixation haute (tôle d'acier 10/10) vissée sur renfort par vis TEKS 3.9 x 9	Mit Selbstbohrschrauben TEKS 3.9 x 9 auf Verstärkung geschraubte obere Abstands-plakette (Stahlblech 10/10)	Upper fitting plate (steel sheet 10/10) screwed on reinforcement with 3.9 x 9 TEKS screws
204	Plaquette de fixation basse (tôle d'acier 10/10) vissée sur renfort par vis TEKS 3.9 x 9	Mit Selbstbohrschrauben TEKS 3.9 x 9 auf Verstärkung geschraubte untere Abstands-plakette (Stahlblech 10/10)	Lower fitting plate (steel sheet 10/10) screwed on reinforcement with 3.9 x 9 TEKS screws
295	Laine de roche 36 kg/m3 (ROCKWOOL) bandes de 55 x 70 x 1000 mm (panneaux P82 + P86)	Mineralwolle 36 kg/m3 (ROCKWOOL) Streifen von 55 x 70 x 1000 mm (Paneele P82 + P86)	Rockwool 36 kg/m3 (ROCKWOOL) Stripes of 55 x 70 x 1000 mm (Panels P82 + P86)
303	Joint PVC haut	Obere PVC-Elementdichtung	Upper PVC seal
307	Joint PVC NORTON 12 x 12	NORTON Dichtung PVC 12 x 12	NORTON seal PVC12 x 12
325	Joint 6 x 9	Dichtung 6 x 9	Seal 6 x 9
336	Charnière	Scharnier	Hinge
348	Bande d'isolant 9.5 x 55 x 1000 plâtre cartonné	Isolierstreifen 9.5 x 55 x 1000 Gipskarton	Insulating strip 9.5 x 55 x 1000 Plasterboard
368	Bande d'isolant 9.5 x 75 x 1000 plâtre cartonné	Isolierstreifen 9.5 x 75 x 1000 Gipskarton	Insulating strip 9.5 x 75 x 1000 Plasterboard
369	Bande d'isolant 9.5 x 50 x 1000 plâtre cartonné	Isolierstreifen 9.5 x 50 x 1000 Gipskarton	Insulating strip 9.5 x 50 x 1000 Plasterboard
370	Placo 12,5	Gipsplatte 12,5	Gypsum slab 12.5
371	Bande d'isolant 9.5 x 75 x 1000 plâtre cartonné	Isolierstreifen 9.5 x 75 x 1000 Gipskarton	Insulating strip 9.5 x 75 x 1000 Plasterboard

PARTITION KITS	**ANNEX 4 (1/5) of ETA-05/0040**
Nomenclature	

Nomenclature

Rep	Français	Deutsch	English
372	Isolant minéral 9.5 mm plâtre cartonné	Mineral Isolierplatte 9.5 mm Gipskarton	Mineral Insulating board 9.5 mm Plasterboard
373	Placo 12,5 x 36	Gipsplatte 12,5 x 36	Gypsum slab 12.5 x 36
374	Placo 9,5 x 36	Gipsplatte 9,5 x 36	Gypsum slab 9.5 x 36
375	Placo 12,5 x 50	Gipsplatte 12,5 x 50	Gypsum slab 12.5 x 50
376	Isolant minéral 12.5 plâtre cartonné	Mineral Isolierplatte 12.5 mm Gipskarton	Mineral Insulating board 12.5 mm Plasterboard
378	Bande d'isolant 9.5 x 50 x 1000 plâtres cartonnés	Isolierstreifen 9.5 x 50 x 1000 Gipskarton	Insulating strip 9.5 x 50 x 1000 Plasterboard
379	Bande d'isolant 5 x 55 x 1000 Promat	Isolierstreifen 5 x 55 x 1000 Promat	Insulating strip 9.5 x 50 x 1000 Promat
380	Isolant mineral – 20 x 40 Promatect	Mineral Isolierplatte – 20 x 40 Promatect	Mineral insulating panel – 20 x 40 Promatect
391	Isolant mineral laine de roche 40 kg/m3 55 x 70	Mineral Isolierplatte Mineralwolle 40 kg/m3 55 x 70	Mineral insulating panel rockwool 40 kg/m3 55 x 70
392	Joint fibre feu 2 x 20	Feuerhemmende Fiberdichtung 2x20	Fire resistant fiber seal 2x20
550	Parement tôle d'acier 10/10	Wandschale Stahlblech 10/10	Panel skin steel sheet 10/10
551	Lisse au sol tôle d'acier 12/10	Bodenschiene Stahlblech 12/10	Floor track steel sheet 12/10
552	Plinthe tôle d'acier 12/10	Sockelleiste Stahlblech 12/10	Plinth steel sheet 12/10
553	Laine de roche densité = 36 kg/m3	Mineralwolle Dichte = 36 kg/m3	Rockwool density = 36 kg/m3
554	Plaquette clips tôle d'acier 8/10	Clipsplakette Stahlblech 8/10	Clip plate steel sheet 8/10
556	Profil T1 tôle d'acier 12/10	T1 Knotenpunkt Stahlblech 12/10	T1 profile steel sheet 12/10
557	Parement démontable tôle d'acier 10/10	Abnehmbare Wandschale Stahlblech 10/10	Removable panel skin steel sheet 10/10
558	Plaquette support pour écarteur acier galvanisé	Stützplättchen f. Abstandshalter Stahl verzinkt	Supporting plate for spacer Galvanized steel
560	Ecarteur prédimensionné	Vorgeschnittener Abstandshalter	Spacer cut to length
561	Vis CB M5 x10 acier alvanisé	CB Schraube M5 x 10 Stahl verzinkt	CB screw M5 x 10 Galvanized steel
562	Laine de roche ép. 20 densité 36 kg/m3 avec voile de verre	Mineralwolle 20 mm stark dichte = 36 kg/m3mit Glasvlies	Rockwool 20 mm thick density 36 kg/m3 with glasveil
563	Goujon soudé MS Ø 7 x 15	MS Ø 7 x 15 Bolzen geschweißt	welded bolt MS Ø 7 x 15
568	Traverse aluminium basse de 56 mm	Untere Aluminiumtraverse 56 mm	Lower aluminium rail 56 mm
569	Traverse de vitrage aluminium	Aluminium Glastraverse	Glazing rail aluminium
570	Pareclose aluminium double pour double vitrage	Aluminium Doppelglasleiste für Doppelverglasung	Double glazing bead aluminium for double glazing
571	Traverse de vitrage aluminium	Aluminium Glastraverse	Aluminium glazing rail
572	Vitre épaisseur 6 ou 8 mm	Verglasung 6 oder 8 mm stark	Glazing 6 or 8 mm thick
573	Joint caoutchouc pour double vitrage	Gummidichtung für Doppelverglasung	Rubber seal for double glazing
574	Montant vitré aluminium	Glaspaneel Aluminium Pfosten	Glazed panel aluminium Upright

PARTITION KITS	**ANNEX 4 (2/5) of ETA-05/0040**
Nomenclature	

Nomenclature

Rep	Français	Deutsch	English
575	Pareclose simple aluminium pour double vitrage	Einfache Aluminium-Glasleiste für Doppelverglasung	Aluminium single glazing bead for double glazing
576	Joint TPE pour simple vitrage	TPE Dichtung für Einfachverglasung	TPE seal dor single glazing
578	Pareclose double aluminium pour simple vitrage	Doppelglasleiste aluminium für Einfachverglasung	Double glazing bead aluminium for single glazing
579	Cale en bois 5 x 10 x 70	Holzkeil 5 x 10 x 70	Timber block 5 x 10 x 70
580	Pareclose double aluminium pour jonction simple vitrage	Doppelglasleiste aluminium für Verbindung Einfachverglasung	Double glazing bead aluminium for junction single glazing
588	Lisse feu plafond tôle d'acier 12/10	Feuerhemmende Deckenschiene Stahlblech 12/10	Fire resistant ceiling floor steel sheet 12/10
595	Traverse aluminium haute et basse de 28 mm pour vitrage 6/8	28 mm obere und untere Aluminiumtraverse für Glas 6/8	Upper and lower aluminium rail 28 mm for glazing 6/8
596	Montant aluminium pour vitrage 6/8	Aluminiumpfosten für Verglasung 6/8	Upright aluminium for glazing 6/8
597	Traverse aluminium haute et basse de 28 mm pour vitrage 10/12	28 mm obere und untere Aluminiumtraverse für Glas 10/12	Upper and lower aluminium rail 28 mm for glazing 10/12
598	Montant aluminium pour vitrage 10/12	Aluminiumpfosten für Verglasung 10/12	Upright aluminium for glazing 10/12
599	Traverse intermédiaire aluminium de 56 mm	56 mm Aluminium Zwischentraverse	56 mm aluminium intermediate rail
804	Tige filetée M8 longueur 1000 acier galvanisé	M8 Gewindestange 1000 mm Stahl verzinkt	M8 threaded rod1000 mm Galvanized steel
805	Ecrou HM 8 acier galvanisé	HM8 Mutter Stahl verzinkt	HM8 nut Galvanized steel
808	Tige filetée M8	M8 Gewindestange	M8 threaded rod
809	Isolant minéral laine de roche 70 kg/m3 ep. 30 mm	Mineral Mineralwolle 70 kg/m3 30 mm dick	Mineral insulating rockwool 70 kg/m3 thick 30 mm
810	Isolant minéral laine de roche 70 kg/m3 ep. 20 mm	Mineral Isolierplatte Mineralwolle 70 kg/m3 20 mm dick	Mineral insulating panel rockwool 70 kg/m3 thick 20 mm
836	Pince pour fixation lisse tôle d'acier 10/10	Befestigungsclip für Schienen Stahlblech 10/10	Clip for channels steel sheet 10/10
837	Raidisseur équerre tôle d'acier 6/10 mm (L)	Winkelversteifung (L-förmig) 6/10 mm	L-shaped stiffener steel sheet 6/10
849	Vis TEKS 5 x 50 acier zingué	TEKS Schraube 5 x 50 verzinktem Stahl	TEKS screw 5 x 50 zinc plated steel
850	Isolant mineral Laine de roche 36 kg/m3 ép. 75	Mineral Isolierplatte Mineralwolle 36 Kg/m3 75 mm dick	Mineral insulating panel Rockwool 36 kg/m3, 75 mm thick
851	Montant P85 EZ 12/10	P85-Pfosten elektroverzinktes Stahlblech 12/10	P85 upright zinc plated steel 12/10
852	Agrafe came acier zingué	Nockenhaken verzinktem Stahl	Cam clip zinc plated steel
853	Couvre-joint P85 - PVC	PVC-Dichtung P85	P85 PVC post cap
854	Vis TEKS TF 3,9 x 13 acier zingué	TEKS Schraube TF 3,9 x 13 verzinktem Stahl	TEKS screw TF 3,9 x 13 zinc plated
855	Demi-montant P85 EZ 12/10	Halber Pfosten P85 elektro-verzinktes Stahlblech 12/10	Half upright P85 zinc plated steel 12/10

PARTITION KITS	**ANNEX 4 (3/5) of ETA-05/0040**
Nomenclature	

Nomenclature

Rep	Français	Deutsch	English
862	Cale de vitrage	Verglasungskeil	Timber block for glazing
867	Montant d'extrémité	Endpfosten	End upright
886	Pareclose alu pour simple vitrage (vitrage décalé)	Alu-Glasleiste für Einfachvergla-sung (zurückgesetzte Verglasung)	Aluminium glazing bead for single glazing (offset glass)
887	Pareclose alu double pour simple vitrage (vitrage décalé)	Doppelte Alu- für Einfachver-glasung (zurückgesetzte Scheibe)	Double aluminium glazing bead for single glazing (off-set)
890	Joint d'embrasure tubulaire	Röhrenförmige Zargendichtung	Tubular frame seal
956	Joint 9 x 3 (vitre 6 + 8)	Dichtung 9 x 3 (Glas 6 + 8)	Seal 9 x 3 (Glazing 6 + 8)
982	Vis TEKS 3,9 x 19 acier zingué	TEKS Schraube 3,9 x 19 verzinktem Stahl	TEKS screw 3.9 x 19 zinc plated steel
983	Vis TEKS TF 3,9 x 9 acier zingué	TEKS Schraube TF 3,9 x 9 verzinktem Stahl	TEKS screw TF 3.9 x 9 zinc plated steel
984	Vis trompette 3,5 x 35 acier	Schnellbauschraube 3,5 x 35 stahl	Drywall screw 3.5 x 35 steel
1051	Montant d'embrasure C55 pour battant ép. 44,5	Zargenpfosten C55 für Türblatt 44,5	Frame upright C55 for door leaf thickness 44.5 mm
1508	Verre usiné pour frameless	Für frameless (rahmenlose Trenn-wand) speziell verarbeitetes Glas	Specially machine glass for frameless partition
1515	Joint Frameless	Rahmenloses Glas-Dichtung	Frameless glazed element seal
1518	T1 en aluminium pour 6 - 8	Einfaches T1 Alu für 6 – 8 mm Glas	Simple T1 aluminum for 6-8 mm glass
2566	Joint mousse 1,5 X 15	Schaumdichtung 1,5 x 15 mm	Foam seal 1.5 x 15 mm
2567	Joint mousse 1,5 X 17	Schaumdichtung 1,5 x 17 mm	Foam seal 1.5 x 17 mm
1051	Montant d'embrasure C55 pour battant ép. 44,5	Zargenpfosten C55 für Türblatt 44,5	Frame upright C55 for door leaf thickness 44.5 mm
1508	Verre usiné pour frameless	Für frameless (rahmenlose Trenn-wand) speziell verarbeitetes Glas	Specially machine glass for frameless partition
1515	Joint Frameless	Rahmenloses Glas-Dichtung	Frameless glazed element seal
1518	T1 en aluminium pour 6 - 8	Einfaches T1 Alu für 6 – 8 mm Glas	Simple T1 aluminum for 6-8 mm glass
2566	Joint mousse 1,5 X 15	Schaumdichtung 1,5 x 15 mm	Foam seal 1.5 x 15 mm
2567	Joint mousse 1,5 X 17	Schaumdichtung 1,5 x 17 mm	Foam seal 1.5 x 17 mm

PARTITION KITS	**ANNEX 4 (4/5) of ETA-05/0040**
Nomenclature	

Nomenclature

Material/Matériaux	Standart/Norme
Steel sheet/ Tôle d'acier	EN 10025
Gypsium board/ Plaque de plâtre	EN 520
Mineral wool/ Isolant en laine minérale	EN 13162
Float glass/ vitrage recuit	EN 572
Tempered glass/ Vitrage trempé	EN 12150
Laminated glass with PVB/ vitrage feuilleté avec PVB	EN ISO 12543
Aluminium profile/ Profilé aluminium	EN 573-3 and EN 755-2

PARTITION KITS	ANNEX 4 (5/5) of ETA-05/0040
Nomenclature	

Version	P85-00	P85-01	P85-XX	P85-02	P85-05
Parement/ Panel skin	10/10	10/10	10/10	10/10	10/10
Raidisseur/ Stiffener	W 5/10	L 6/10	L 6/10	W 5/10	Bac 10/10 reinforcement 10/10
Ecartement raidisseur/ Stiffener space	320 mm	640 mm	640 mm	320 mm	500 mm
Renfort haut/ Upper stiffener	06/10	06/10 + placo/ gypsium board	06/10	06/10+ placo/ gypsium board	06/10
Renfort bas/ Lower stiffener	8/10	8/10 + placo/ gypsium board	8/10	8/10	8/10
Plaquette d'écartement/ Fitting plate	12/10	12/10	12/10	12/10	12/10
Montant/ Upright	Std 12/10	Feu/fire 12/10	Feu/fire 12/10	Feu/fire 12/10	Feu/fire 12/10
Laine de roche/ Rockwool	75 mm 36 kg/m3	3 x 20 mm 70 kg/m3	75 mm 36 kg/m3	75 mm 36 kg/m3	75 mm 36 kg/m3

PARTITION KITS

Different versions of opaque elements (P85M) of SYNOPS I

ANNEX 5 (1/2) of ETA-05/0040

Version	P85-06	P85-08	P85-09	P85-12
Parement/ Panel skin	10/10	10/10	10/10	10/10
Raidisseur/ Stiffener	L 8/10	W 5/10	Bac 10/10 sur un parement W 5/10 sur l'autre parement/ reinforcement on one skin W 5/10 on the other skin	L 8/10
Ecartement raidisseur/ Stiffener space	640 mm	320 mm	W : 320 mm Bac/reinforcement : 500 mm	640 mm
Renfort haut/ Upper stiffener	06/10+ placo/ gypsium board	06/10	06/10	06/10+ placo/ gypsium board
Renfort bas/ Lower stiffener	8/10+ placo/ gypsium board	8/10	8/10	8/10 + placo/ gypsium board
Plaquette d'écartement/ Fitting plate	bi-bloc Double block	12/10	12/10	bi-bloc Double block
Montant/ Upright	Demi-montant Half upright	Feu/fire 12/10	Feu/fire 12/10	Demi-montant Half upright
Laine de roche/ Rockwool	placo / gypsium board + 2x30 mm 70 kg/m3	75 mm 36 kg/m3	75 mm 36 kg/m3	placo / gypsium board+ 2x30 mm 70 kg/m3

PARTITION KITS

Different versions of opaque elements (P85M) of SYNOPS I

ANNEX 5 (2/2)
of ETA-05/0040

Version	P83-00	P83-01	P83-02	P83-04	P83-05
Parement/ Panel skin	09/10	09/10 + 50 mm de PLACO aux jonctions/ gypsium board on edge	10/10	10/10 + 150 mm de PLACO aux jonctions/gypsium board on edge	10/10 + PLACO + 10/10
Raidisseur/ Stiffener	Sans/ without	Sans/ without	Sans/ without	Sans/ without	Sans/ without
Renfort haut Upper stiffener	06/10	06/10 + placo/ gypsium board	06/10	06/10 + placo/ gypsium board	06/10 + placo
Renfort haut Upper stiffener	08/10	08/10 + placo/ gypsium board	08/10	08/10 + placo/ gypsium board	08/10 + placo
Plaquette d'écartement/ Fitting plate	12/10	12/10	12/10	12/10	12/10
Montant/ Upright	Std 12/10	Std 12/10 + placo/ gypsium board	Std 12/10	Std 12/10 + placo	Std 12/10 + placo
Laine de roche/ Rockwool	75 mm 36 kg/m3	76 mm 36 kg/m3	75 mm 36 kg/m3	2x30 mm 70 kg/m2 + placo central	55 mm 70 kg/m3
Module/ Panel > 800	**OUI/YES**		**OUI/YES**		
Parement/Skin module/ Panel > 800	09/10		10/10		
Raidisseur/Stiffener module / Panel> 800	W 5/10		W 5/10		
Ecartement raidisseur Stiffener space	320 mm		320 mm		

PARTITION KITS

Different versions of opaque elements (P83M) of SYNCHRONE

ANNEX 6 (1/2) of ETA-05/0040

Version	P83-06	P83-07	P83-08	P83-13
Parement/ Panel skin	10/10 + 15/10 Soudé / welded	10/10 + 10/10 soudé sur 1 parement/ welded on skin	10/10 + 10/10 soudé sur 1 parement / welded on one skin	10/10 + 50 mm de PLACO aux jonctions/ gypsium board on edge
Raidisseur/ Stiffener	Sans/ without	Sans/ without	Sans/ without	Sans/ without
Renfort haut **Upper stiffener**	06/10	06/10	06/10	06/10 + placo/ gypsium board
Renfort haut **Upper stiffener**	08/10	08/10	08/10	08/10+ placo/ gypsium board
Plaquette d'écartement/ **Fitting plate**	12/10	12/10	12/10	12/10
Montant/ Upright	Std 12/10	Std 12/10	Std 12/10	Std 12/10 + placo/ gypsium board
Laine de roche/ Rockwool	75 mm 36 kg/m3	75 mm 36 kg/m3	76 mm 36 kg/m3	76 mm 36 kg/m3
Module/ Panel > 800				
Parement/Skin **module/ Panel > 800**				
Raidisseur/Stiffener **module / Panel> 800**				
Ecartement raidisseur **Stiffener space**				

PARTITION KITS

Different versions of opaque elements (P83M) of SYNCHRONE

ANNEX 6 (2/2)
of ETA-05/0040

Abreviation	Elément	Module
M	Plein	Opaque
Elément en double vitrage avec profilé aluminium / Double glazed partition with aluminium profiles		
MVDVal	Double vitrage toute hauteur	Double glazed all height
MADVal	Double vitrage sur allège pleine	Double glazed with opaque lower element
MVIPDVal	Double vitrage avec imposte pleine	Double glazed with opaque above element
MAIPDVal	Double vitrage avec allège pleine et imposte pleine	Double glazed with opaque lower element and opaque above element
MVIVDVal	Double vitrage avec traverse	Double glazed with transom
Elément en simple vitrage avec profilé aluminium / Simple glazed partition with aluminium profiles		
MVSVal	Simple vitrage toute hauteur	Simple glazed all height
MASVal	Simple vitrage sur allège pleine	Simple glazed with opaque lower element
MVIPSVal	Simple vitrage avec imposte pleine	Simple glazed with opaque above element
MAIPSVal	Simple vitrage avec allège pleine et imposte pleine	Simple glazed with opaque lower element and opaque above element
MVIVSVal	Simple vitrage avec traverse	Simple glazed with transom
M2FBAL	Plein bois toute hauteur structure alu	Opaque
M2FBAC	Plein bois toute hauteur structure acier	Opaque
MAIP1TRDVAL2FBAL	Double vitrage avec allège bois couture et imposte bois structure alu	Opaque
MAIP1TRDVAL2FBAC	Double vitrage avec allège bois couture et imposte bois structure acier	Opaque

Abreviation	Vitrage	Glass
R	Recuit	Float
T	Trempé	Tempered
F	Feuilleté 44.2 PVB	Laminated 44.2 PVB
44.1	Feuilleté 44.1 PVB	Laminated 44.1 PVB
6,8, 10, 12	Epaisseur en mm	Thickness mm

Abreviation	Essai	Test
CCM	Choc de corps mou	Soft body impact
CCD	Choc de corps dur	Hard body impact
CVE	Charge verticale excentrée	Eccentric vertical load
Npd	Performance non déterminée	No performance determined

PARTITION KITS	**ANNEX 7 (1/1) of ETA-05/0040**
List of different versions of items	

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions			Hauteur Height mm	Vitrage/ Glass		N° rapport N° report	Déterioration structurelle Structural damage			défaillance fonctionnelle Functional failure		
			Montant et parclose / Upright and glazing bead	Montant monolithique/ Monolithic upright	Sans montant verre bord à bord/ Without upright glass edge to edge		Coté impact/ Ipact side	Coté opposé/ opposite side		CCM	CCD	CVE	CCM	CCD	CVE
85-AA	M	00	-	-	-	3600	-	-	a	IVb[1]	IV	b	IV	IV	b
85-AB	M	XX	-	-	-	3600	-	-	b	IVb[1]	IV	b	IV	IV	b
85-AC	M	01	-	-	-	3600	-	-		IVb[1]	IV	b	IV	IV	b
85-AD	M	02	-	-	-	3600	-	-		IVb[1]	IV	b	IV	IV	b
85-AE	M	05	-	-	-	3600	-	-		IVb[1]	IV	b	IV	IV	b
85-AF	M	06	-	-	-	3600	-	-	b	IVb	IV	npd	IV	IV	npd
85-AG	M	08	-	-	-	3600	-	-		IVb[1]	IV	b	IV	IV	b
85-AH	MM	09	-	-	-	3600	-	-		IVb[1]	IV	b	IV	IV	b
85-AI	M	12	-	-	-	3600	-	-	c	IVb	IV	npd	IV	IV	npd
85-BA	MVDVAL	00	X	-	-	3150	R6	R8	c	IVb	npd	b	IV	II	b
85-BB	MVDVAL	00	X	-	-	3150	R8	R6	c	IVb	npd	b	IV	IV	b
85-BC	MVDVAL	00	X	-	-	3150	T6	R8		IVb	IV	b	IV	IV	b
85-BD	MVDVAL	00	X	-	-	3150	T8	R6		IVb	IV	b	IV	IV	b

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (1/11)
of ETA-05/0040

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions: Sans montant verre bord à bord/ Without upright glass edge to edge	Jonction verticales / Vertical junctions: Montant monolithique/ Monolithic upright	Jonction verticales / Vertical junctions: Montant et parclose / Upright and glazing bead	Hauteur Height mm	Vitrage/Glass: Coté impact/ Ipact side	Vitrage/Glass: Coté opposé/ opposite side	Rapport d'essai Test report	Déterioration structurelle Structural damage: CCM	Déterioration structurelle Structural damage: CCD	Déterioration structurelle Structural damage: CVE	défaillance fonctionnelle Functional failure: CCM	défaillance fonctionnelle Functional failure: CCD	défaillance fonctionnelle Functional failure: CVE
85-BE	MVDVAL	00	-	-	X	3600	F8	R6	c	IVb[1]	IV	b	IV	IV	b
85-BG	MVDVALC28	00	-	-	X	3150	R6	R8	d (2) / c	IVb	npd	b	IV	II	b
85-BG	MVDVALC28	00	-	-	X	3250	R8	R6	d (2) / c	IVb	npd	b	IV	IV	b
85-BH	MVDVALC28	00	-	-	X	3250	T6	R8	d (2) / c	IVb[1]	IV	b	IV	IV	b
85-BI	MVDVALC28	00	-	-	X	3250	T8	R6	d (2) / c	IVb	IV	b	IV	IV	b
85-BJ	MVDVALC28	00	-	-	X	3250	F8	R6	d (2) / c	IVb	IV	b	IV	npd	npd
85-BK	MVDVALC28	00	-	X	-	3250	RTF6	RFT8	e (3) / d (2)	IVb	npd (4)	npd	IV	IV	npd
85-BL	MVDVALC28	00	-	X	-	3250	T6	R8	c / e (3) / d (2)	IVb	IV	npd	IV	IV	npd
85-BM	MVDVALC28	00	-	X	-	3250	T8	R6	c / e (3) / d (2)	IVb	IV	npd	IV	IV	npd
85-BN	MVDVALC28	00	-	X	-	3250	F8	R6	c / e (3) / d (2)	IVb	IV	npd	IV	IV	npd
85-BO	MVDVALC28	00	X	-	-	3250	T10	T10	f (3) / d (2)	IVa	IV	npd	IV	IV	npd
85-BP	MVDVALC28	00	X	-	-	3000	T10	T12	f (3) / d (2)	IVa	IV	npd	IV	IV	npd
85-BQ	MVDVALC28	00	X	-	-	3000	T12	T12	g (3) / d (2)	IVa	IV	npd	IV	IV	npd

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (2/11)
of ETA-05/0040

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions: Montant et parclose / Upright and glazing bead	Jonction verticales / Vertical junctions: Montant monolithique/ Monolithic upright	Jonction verticales / Vertical junctions: Sans montant verre bord à bord/ Without upright glass edge to edge	Hauteur Height mm	Vitrage/Glass: Coté impact/ Ipact side	Vitrage/Glass: Coté opposé/ opposite side	Rapport d'essai Test report	Déterioration structurelle Structural damage: CCM	Déterioration structurelle Structural damage: CCD	Déterioration structurelle Structural damage: CVE	défaillance fonctionnelle Functional failure: CCM	défaillance fonctionnelle Functional failure: CCD	défaillance fonctionnelle Functional failure: CVE
85-CA	MADVAL	00	X	-	-	3150	RTF68	RTF68	b	IVb	Npd[4]	b	IV	II	b
85-CB	MVIPDVAL	00	X	-	-	3150	RTF68	RTF68	-	IVb	Npd[4]	b	IV	II	b
85-CC	MVIPDVAL	00	X	-	-	3150	RTF68	RTF68	b	IVb	Npd[4]	b	IV	II	b
85-CD	MVIPDVAL	00	X	-	-	3150	RTF68	RTF68	b	IVb	Npd[4]	b	IV	II	b
85-CE	MVIPDVALC28	00	X	-	-	3250	RTF68	RTF68	d (2) / b	IVb	Npd[4]	b	IV	II	b
85-CF	MVIPDVALC28	00	X	-	-	3250	RTF68	RTF68	-	IVb	Npd[4]	b	IV	II	b
85-CG	MVIPDVALC28	00	X	-	-	3250	RTF68	RTF68	d (2) / b	IVb	Npd[4]	b	IV	II	b
85-CH	MV1TRDVALC28	00	X	-	-	3250	RTF68	RTF68	d (2) / b	IVb	Npd[4]	b	IV	II	b
85-DA	MVSVAL	00	X	-	-	3250	RTF68	-	-	IVa	Npd[4]	IV	IV	II	Npd
85-DB	MVOSALC28	00	X	-	-	3250	RF6	-	d	IVa	Npd[4]	IV	IV	II	Npd
85-DC	MVOSALC28	00	X	-	-	3250	R8	-	d / h	IVb	Npd[4]	IV	IV	IV	Npd
85-DD	MVOSALC28	00	X	-	-	3250	T6	-	d / h / c	IVb	IV	IV	IV	IV	Npd
85-DE	MVOSALC28	00	X	-	-	3250	T8	-	d / h / c	IVb	IV	IV	IV	IV	Npd

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (3/11)
of ETA-05/0040

défaillance fonctionnelle Functional failure	**CVE**	npd	npd	npd	npd	npd										
	CCD	IV	II	IV	II	IV										
	CCM	IV	IV	IV	IV	IV										
Déterioration structurelle Structural damage	**CVE**	npd	npd	npd	npd	npd										
	CCD	IV	Npd[4]	Npd[4]	Npd[4]	Npd[4]										
	CCM	IVb	IVa	IVa	IVa	IVa										
Rapport d'essai Test report		d / h / c	-	-	-	-										
Vitrage/Glass	**Coté opposé/ opposite side**	-	-	-	-	-										
	Coté impact/ Ipact side	F8	RTF68	RTF68	RTF68	RTF68										
Hauteur Height mm		3250	3250	3250	3250	3250										
Jonction verticales / Vertical junctions	**Sans montant verre bord à bord/ Without upright glass edge to edge**	-	-	-	-	-										
	Montant monolithique/ Monolithic upright	-	-	-	-	-										
	Montant et parclose / Upright and glazing bead	X	X	X	X	X										
Version P85		00	00	00	00	00										
Elément Module		MVOSALC28	MVOSALC28	MVIPOSALC28	MVIPOSALC28	MV1TROSAL										
N°		85-DF	85-DG	85-DH	85-DI	85-DJ										

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (4/11) of ETA-05/0040

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions			Hauteur Height mm	Vitrage/ Glass		N° rapport N° report	Déterioration structurelle Structural damage			défaillance fonctionnelle Functional failure		
			Montant et parclose / Upright and glazing bead	Montant monolithique/ Monolithic upright	Sans montant verre bord à bord/ Without upright glass edge to edge		Coté impact/ Ipact side	Coté opposé/ opposite side		CCM	CCD	CVE	CCM	CCD	CVE
83-AA	M < 800	00	-	-	-	3600	-	-	h	IVb[1]	IV	npd	IV	IV	npd
83-AB	M < 800	01	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-AC	M < 800	02	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-AD	M < 800	03	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-AE	M < 800	04	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-AF	M < 800	05	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-AG	M < 800	06	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-AH	M < 800	07	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-AI	M < 800	08	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-AJ	M < 800	13	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-BA	M < 800	00 à 13	-	-	-	3600	-	-		IVb[1]	IV	npd	IV	IV	npd
83-CA	PM	00 à 13	-	-	-	3600	-	-	h	IVb[1]	IV	npd	IV	IV	npd
83-DA	MVDVAL	00	X	-	-	3150	R6	R8		IVb	npd	npd	IV	II	npd

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (5/11)
of ETA-05/0040

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions			Hauteur Height mm	Vitrage/Glass		N° rapport N° report	Déterioration structurelle Structural damage			défaillance fonctionnelle Functional failure		
			Montant et parclose / Upright and glazing bead	Montant monolithique/ Monolithic upright	Sans montant verre bord à bord/ Without upright glass edge to edge		Coté impact/ Ipact side	Coté opposé/ opposite side		CCM	CCD	CVE	CCM	CCD	CVE
83-DB	MVDVAL	00	X	-	-	3150	R8	R6	-	IVb	npd	Npd	IV	II	npd
83-DC	MVDVAL	00	X	-	-	3150	T6	R8	-	IVb	npd	Npd	IV	IV	npd
83-DD	MVDVAL	00	X	-	-	3150	T8	R6	-	IVb	IV	Npd	IV	IV	npd
83-DE	MVDVAL	00	X	-	-	3150	F8	R6	-	IVb[1]	IV	Npd	IV	IV	npd
83-DF	MVDVAL	02	X	-	-	3150	RTF68	RTF68	-	IVb	IV	Npd	IV	IV	npd
83-DG	MVDVAL	08	X	-	-	3150	44.1	RT6	-	IVb[1]	npd	Npd	IV	II	npd
83-DH	MVDVAL	08	X	-	-	3150	RT6	441	-	IVb	npd	Npd	IV	II	npd
83-DI	MVDVALC28	00	X	-	-	3250	R6	R8	-	IVb	npd	Npd	IV	II	npd
83-DJ	MVDVALC28	00	X	-	-	3250	R8	R6	-	IVb	npd	Npd	IV	II	npd
83-DK	MVDVALC28	00	X	-	-	3250	T6	R8	-	IVb	npd	Npd	IV	IV	npd
83-DL	MVDVALC28	00	X	-	-	3250	T8	R6	-	IVb	npd	Npd	IV	IV	npd
83-DM	MVDVALC28	00	X	-	-	3250	F8	R6	-	IVb	npd	Npd	IV	IV	npd
83-DN	MVDVALC28	02	X	-	-	3250	RTF68	RTF68	-	IVb	Npd[(4)]	Npd	IV	II	npd

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (6/11)
of ETA-05/0040

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions: Montant et parclose / Upright and glazing bead	Jonction verticales / Vertical junctions: Montant monolithique/ Monolithic upright	Jonction verticales / Vertical junctions: Sans montant verre bord à bord/ Without upright glass edge to edge	Hauteur Height mm	Vitrage/Glass: Coté impact/ Ipact side	Vitrage/Glass: Coté opposé/ opposite side	N° rapport N° report	Déterioration structurelle Structural damage: CCM	Déterioration structurelle Structural damage: CCD	Déterioration structurelle Structural damage: CVE	défaillance fonctionnelle Functional failure: CCM	défaillance fonctionnelle Functional failure: CCD	défaillance fonctionnelle Functional failure: CVE
83-DO	MVDVALC28	08	X	-	-	3250	44.1	RT6	d (2) / e (3)	IVb	IV	npd	IV	II	npd
83-DP	MVDVALC28	08	X	-	-	3250	RT6	44.1	d (2) / c / e (3)	IVb	IV	npd	IV	II	npd
83-DQ	MVDVALC28	00	-	X	-	3250	RTF6	RTF8	d (2) / c / e (3)	IVb	IV	npd	IV	npd	npd
83-DR	MVDVALC28	00	-	X	-	3250	T6	R8	d (2) / c / e (3)	IVb	IV	npd	IV	IV	npd
83-DS	MVDVALC28	00	-	X	-	3250	T8	R6	d (2) / f (3)	IVb	IV	npd	IV	IV	npd
83-DT	MVDVALC28	00	-	X	-	3250	F8	R6	d (2) / f (3)	IVb	IV	npd	IV	IV	npd
83-DU	MVDVALC28	00	-	-	X	3000	T10	T10	d (2) / f (3)	IVb	IV	npd	IV	IV	npd
83-DV	MVDVALC28	00	-	-	X	3000	T10	T12	-	IVb	IV	npd	IV	IV	npd
83-DW	MVDVALC28	00	-	-	X	3250	T12	T12	-	IVb	IV	npd	IV	IV	npd
83-EA	MADVAL	00/02/08	X	-	-	3150	RTF68	RTF68	-	IVb	IV	npd	IV	II	npd
83-EB	MVIPDVAL	00/02/08	X	-	-	3150	RTF68	RTF68	-	IVb	IV	npd	IV	II	npd
83-EC	MVIPDVAL	00/02/08	X	-	-	3150	RTF68	RTF68	-	IVb	IV	npd	IV	II	npd
83-ED	MVIPDVAL	00/02/08	X	-	-	3150	RTF68	RTF68	-	IVb	npd	npd	IV	II	npd

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (7/11)
of ETA-05/0040

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions			Hauteur Height mm	Vitrage/Glass		N° rapport N° report	Déterioration structurelle Structural damage			défaillance fonctionnelle Functional failure		
			Montant et parclose / Upright and glazing bead	Montant monolithique/ Monolithic upright	Sans montant verre bord à bord/ Without upright glass edge to edge		Coté impact/ Ipact side	Coté opposé/ opposite side		CCM	CCD	CVE	CCM	CCD	CVE
83-EE	MADVALC28	00/02/08	X	-	-	3250	RTF68	RTF68	-	IVb	npd[4]	npd	IV	II	npd
83-EF	MVIPDVALC28	00/02/08	X	-	-	3250	RTF68	RTF68	-	IVb	npd[4]	npd	IV	II	npd
83-EG	MAIPDVALC28	00/02/08	X	-	-	3250	RTF68	RTF68	-	IVb	npd[4]	npd	IV	II	npd
83-EH	MV1TRDVALC28	00/02/08	X	-	-	3250	RTF68	RTF68	-	IVb	npd[4]	npd	IV	II	npd
83-FA	MVSVAL	00	X	-	-	3150	R6	-	h	IVa	npd[4]	npd	IV	II	npd
83-FB	MVSVAL	00	X	-	-	3150	R8	-	h	IVb	npd[4]	npd	IV	IV	npd
83-FC	MVSVAL	00	X	-	-	3150	T6	-	-	IVb	IV	npd	IV	IV	npd
83-FD	MVSVAL	00	X	-	-	3150	T8	-	-	IVb	IV	npd	IV	IV	npd
83-FE	MVSVAL	00	X	-	-	3150	F8	-	-	IVb	IV	npd	IV	IV	npd
83-FF	MVOSALC28	00	X	-	-	3250	R6	-	d (2) / h	IVa	npd	npd	IV	II	npd
83-FG	MVOSALC28	00	X	-	-	3250	R8	-	d (2) / h	IVb	npd	npd	IV	IV	npd
83-FH	MVOSALC28	00	X	-	-	3250	T6	-	d (2) / h	IVb	npd	npd	IV	IV	npd
83-FI	MVOSALC28	00	X	-	-	3250	T8	-	d / h	IVb	npd	npd	IV	IV	npd

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (8/11)
of ETA-05/0040

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions: Montant et parclose / Upright and glazing bead	Jonction verticales / Vertical junctions: Montant monolithique/ Monolithic upright	Jonction verticales / Vertical junctions: Sans montant verre bord à bord/ Without upright glass edge to edge	Hauteur Height mm	Vitrage/Glass: Coté impact/ Ipact side	Vitrage/Glass: Coté opposé/ opposite side	N° rapport N° report	Déterioration structurelle Structural damage: CCM	Déterioration structurelle Structural damage: CCD	Déterioration structurelle Structural damage: CVE	défaillance fonctionnelle Functional failure: CCM	défaillance fonctionnelle Functional failure: CCD	défaillance fonctionnelle Functional failure: CVE
83-FJ	MVOSALC28	00	X	-	-	3250	F8	-	d / h	IVa	IV	npd	IV	IV	npd
83-GA	MASVAL	00	X	-	-	3150	RTF68	-	-	IVa	npd[4]	npd	IV	II	npd
83-GB	MVIPSVAL	00	X	-	-	3150	RTF68	-	-	IVa	npd[4]	npd	IV	II	npd
83-GC	MVIPSVAL	00	X	-	-	3150	RTF68	-	-	IVa	npd[4]	npd	IV	II	npd
83-GD	MVIPSVAL	00	X	-	-	3150	RTF68	-	-	IVa	npd[4]	npd	IV	II	npd
83-GE	MAOSALC28	00	X	-	-	3250	RTF68	-	-	IVa	npd[4]	npd	IV	II	npd
83-GF	MVIPOSALC28	00	X	-	-	3250	RTF68	-	-	IVa	npd[4]	npd	IV	II	npd
83-GG	MAIPOSALC28	00	X	-	-	3250	RTF68	-	-	IVa	npd[4]	npd	IV	II	npd
83-GH	M1TROSALC28	00	X	-	-	3250	RTF68	-	-	IVa	npd[4]	npd	IV	II	npd

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (9/11)
of ETA-05/0040

N°	Elément Module	Version P85	Jonction verticales / Vertical junctions: Sans montant verre bord à bord/ Without upright glass edge to edge	Jonction verticales / Vertical junctions: Montant monolithique/ Monolithic upright	Jonction verticales / Vertical junctions: Montant et parclose / Upright and glazing bead	Hauteur Height mm	Vitrage/Glass: Coté impact/ Ipact side	Vitrage/Glass: Coté opposé/ opposite side	N° rapport N° report	Déterioration structurelle Structural damage: CCM	Déterioration structurelle Structural damage: CCD	Déterioration structurelle Structural damage: CVE	défaillance fonctionnelle Functional failure: CCM	défaillance fonctionnelle Functional failure: CCD	défaillance fonctionnelle Functional failure: CVE
85-EA	M2FBAL	00				3200	-	-	i	IVa	Npd	i	IV	npd	i
85-EB	M2FBAC	00				3200	-	-	i	IVa	Npd	i	IV	npd	i
85-EC	MAIP 1TR 2FB AL DVAL	00				3600	T6	T8	j	IVa	IV	j	IV	IV	j
85-ED	MAIP 1TR 2FB AC DVAL	00				3600	T6	T8	j	IVa	IV	j	IV	IV	j
85-EF	MAIP 2FBAL DVAL	00				3600	T6	T8	-	IVa	IV	j	IV	IV	j
85-EG	MAIP 2FBAC DVAL	00				3360	T6	T8	-	IVa	IV	j	IV	IV	j
85-EH	MA 2FBAL DVAL	00				3600	T6	T8	-	IVa	IV	j	IV	IV	j
85-EI	MA 2FBAC DVAL	00				3600	T6	T8	-	IVa	IV	j	IV	IV	j
85-EJ	MIVIP 2FBAL DVAL	00				3600	T6	T8	-	IVa	IV	j	IV	IV	j
85-EK	MIVIP 2FBAC DVAL	00				3600	T6	T8	-	IVa	IV	j	IV	IV	j

PARTITION KITS

Caracterisctis of use – dynamic and eccentric loads

ANNEX 8 (10/11)
of ETA-05/0040

Abréviation	Numéro de rapport
a	CL 01-108
b	CL 02-070
c	CL 01-109
d	CLC10-26023470
e	CLC06-26004921/B*01 MOD
f	CLC05-129-01 MOD partie 1/2
g	CLC05-129-01 MOD partie 2/2
h	CL 02-078
i	CLC 11-26034722/D
j	CLC 11-26034722/C

(1) Pour satisfaire à la version modifiée d'avril 2012 of ETAG 003, la cloison est aussi classée IVc.
To comply with amended version of april 2012 of ETAG 003, the partition is also classified IVc

(2) Le sens de choc (côté interieur) sur le produit simple vitrgae excentré est le plus défavorable, donc ce test valide la configuration double vitrage.
The impact direction (inside) on the sigle glazing product offset is the worst, therefore his test calidates the double glazing configuration.

(3) Par analogie : les vitres ont été testées pour le produit P81 double vitrage 6 + 8 mm voir ETA-07/0333 page 11.
Per analogy : glasses were tested for P81 product double glazing 6 + 8 mm see ETA-07/0333 page 11.

(4) La catégorie d'utilisation devient IV avec l'utilisation d'un verre trempé (T6, T8) ou feuilleté (F6 ou F8).
The use catégorie becomes IV by using tempered glass (T6, T8) or laminated glass (F6 or F8)

PARTITION KITS	ANNEX 8 (11/11) of ETA-05/0040
Caracterisctis of use – dynamic and eccentric loads	

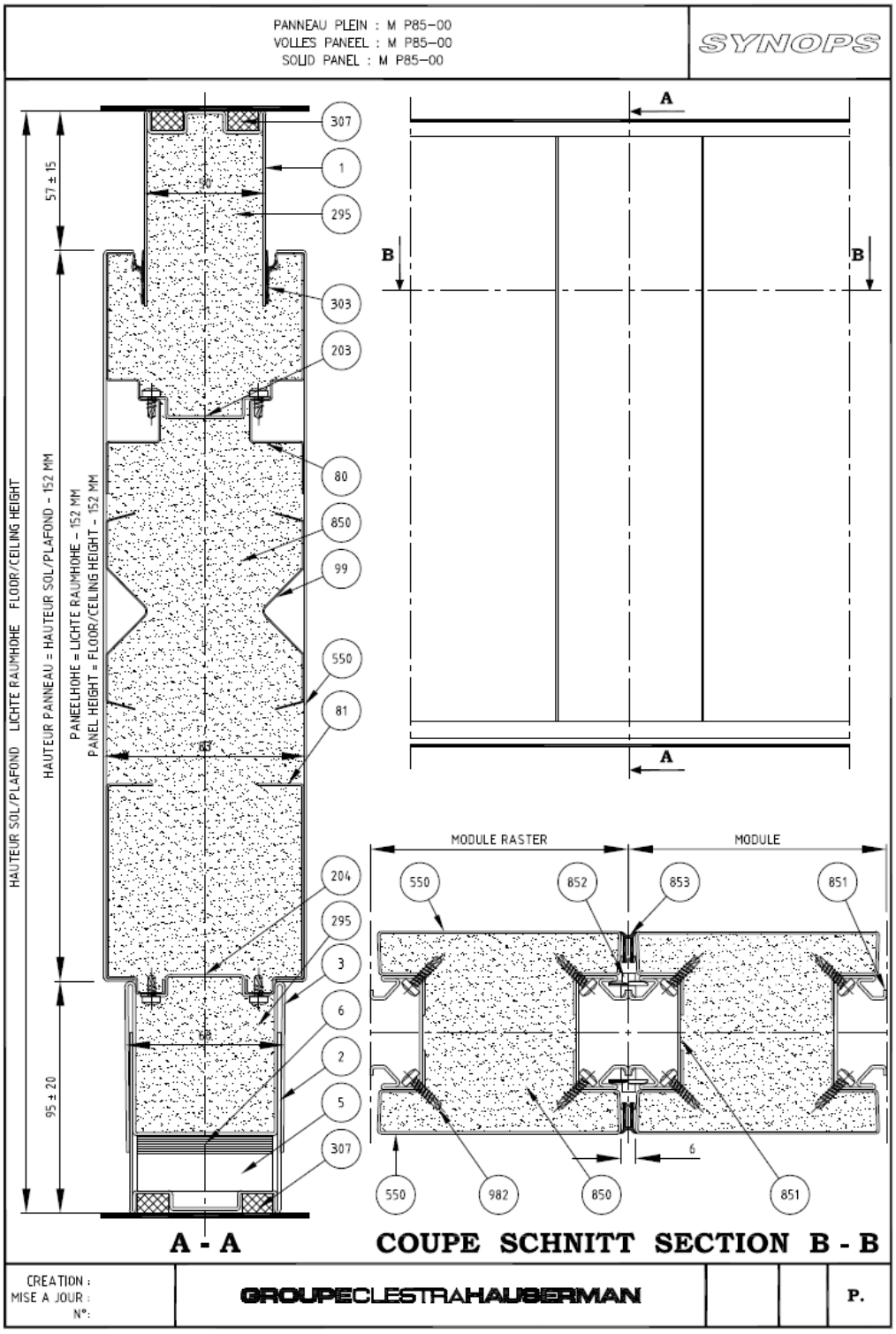
N°	Elément Module	Version	Hauteur Height mm	N° rapport N° report	R_A (db)	Rw (db).
85-AA	M	00	*3600*	Ac98-138	43	47
83-AA	M	00	*3600*	3757/1	43	44
83-AC	M	02	*3600*	37574/2	44	46
83-AE	M	04	*3600*	7139500107/1	45	48
83-AF	M	05	*3600*	7139500107/6	49	52
83-AG	M	06	*3600*	7139500107/4	49	50
83-AH	M	07	*3600*	7139500107/2	45	47
83-AI	M	08	*3600*	7139500107/3	46	48

PARTITION KITS	ANNEX 9 (1/1) of ETA-05/0040
Acoustic	

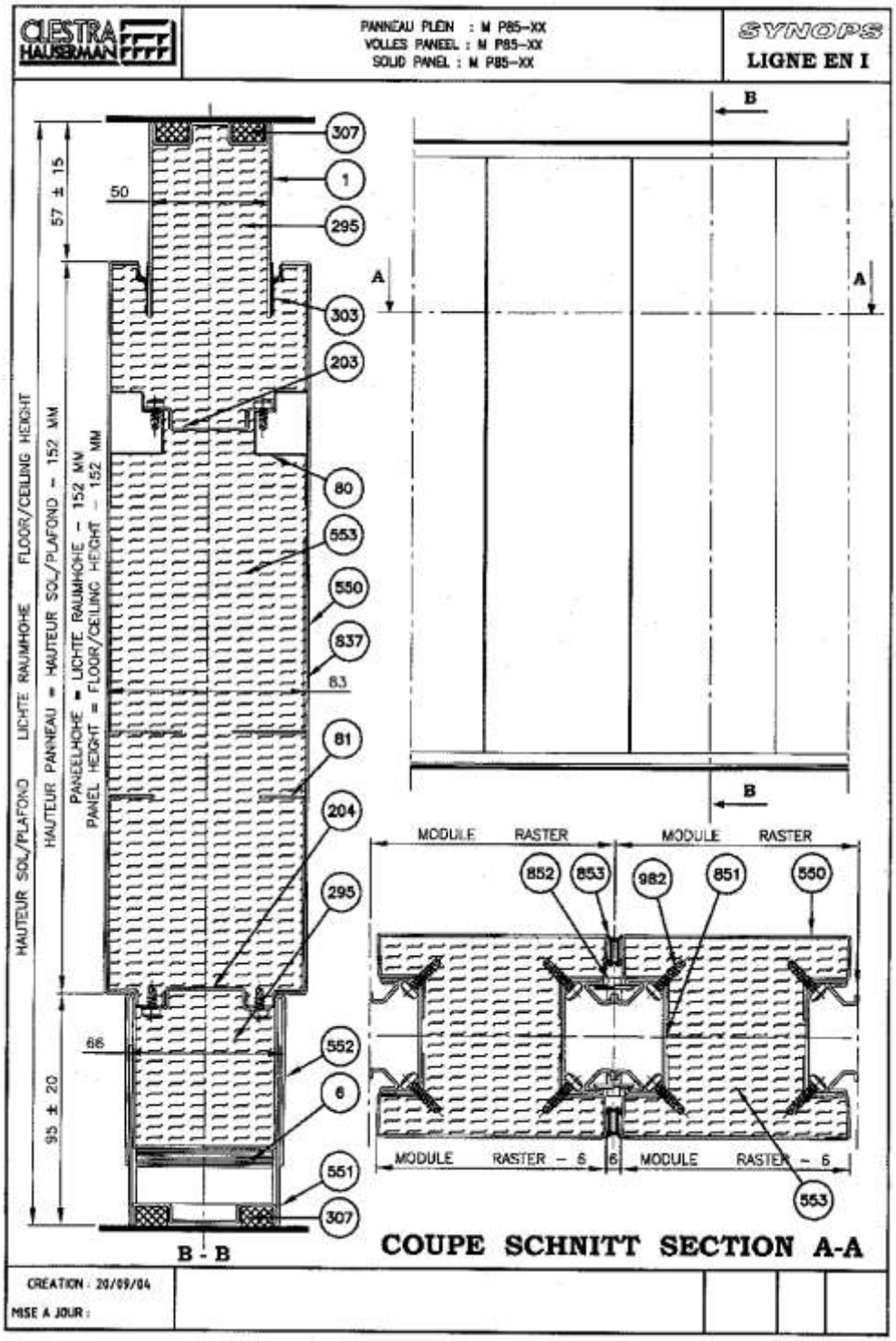
Cloison type P85 / Partition type P85	
Version	**Elément / module**
00	M
XX	M
01	M
02	M
05	M
06	M
08	M
09	M
12	M
00	MVDVAL
00	MVDVALC28
00	MADVAL
00	MVIPDVAL
00	MAIPDVAL
00	MVIVDVAL
00	MADVALC28
00	MVIPDVALC28
00	MAIPDVALC28
00	MV1TRDVALC28
00	MVSVOSALC28
00	MAOSALC28
00	MVIPOSALC28
00	MV1TROSALC28
Accessoire spécifique P85 pour la résistance au choc de corps mou 900 Nm Specific accessory P85 for 900 Nm soft body impact resistance Accessoire spécifique P85 pour support étagère Specific accessory P85 for bookshelves	

Cloison type P83 / Partition type P83	
Version	**Elément / module**
00	M
01	M
02	M
04	M
05	M
06	M
07	M
08	M
13	M
00	MVDVAL
00	MVDVALC28
00	MVSVAL
00	MVOSALC28
00	MASVAL
00	MVIPSVAL
00	MAIPSVAL
00	MVIVSVAL
00	MAIPOSALC28
00	M1TROSALC28
Accessoire spécifique P83 pour la résistance au choc de corps mou 900 Nm Specific accessory P83 for 900 Nm soft body impact resistance	

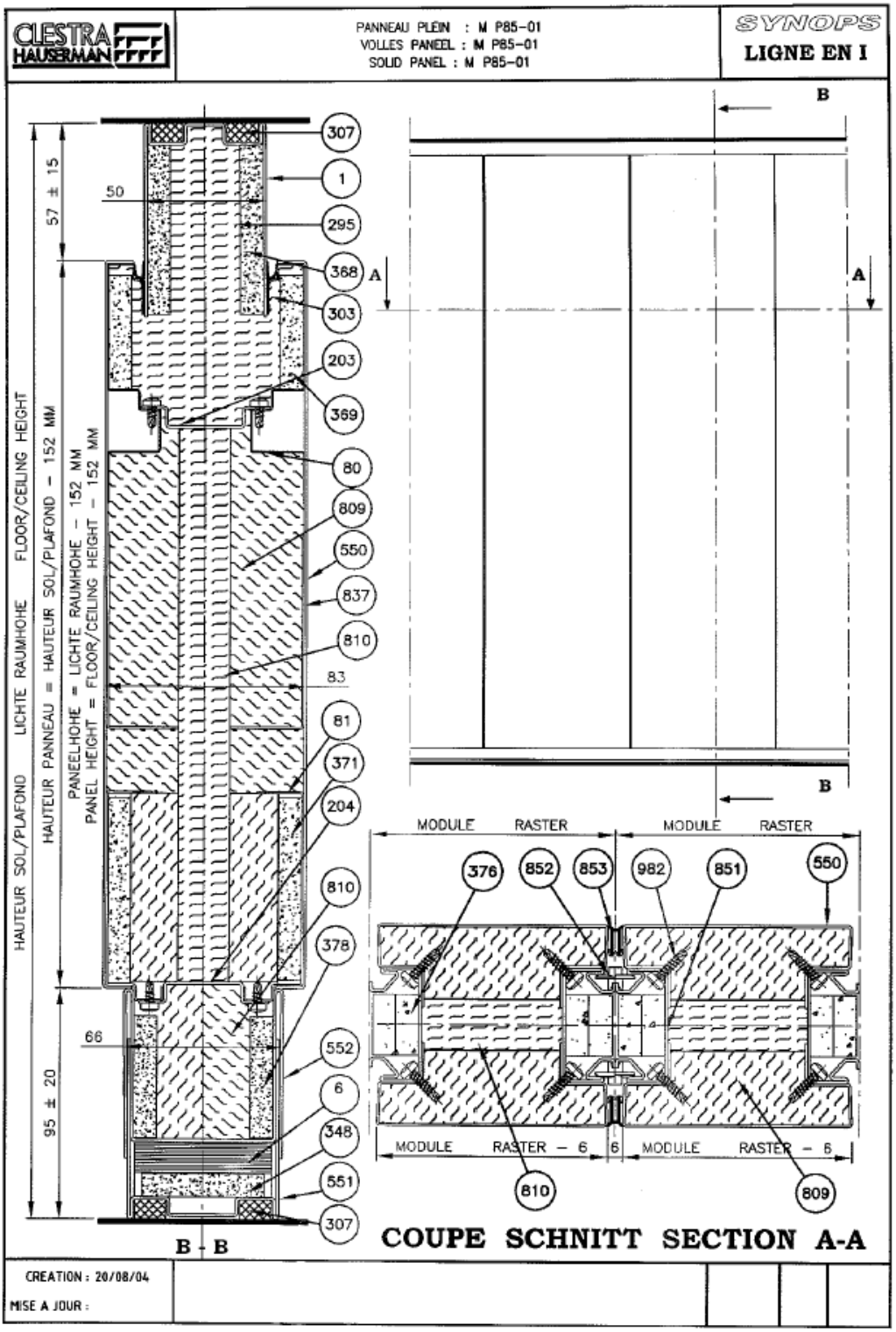
PARTITION KITS	**ANNEX 10 (1/50) of ETA-05/0040**
Drawings list	



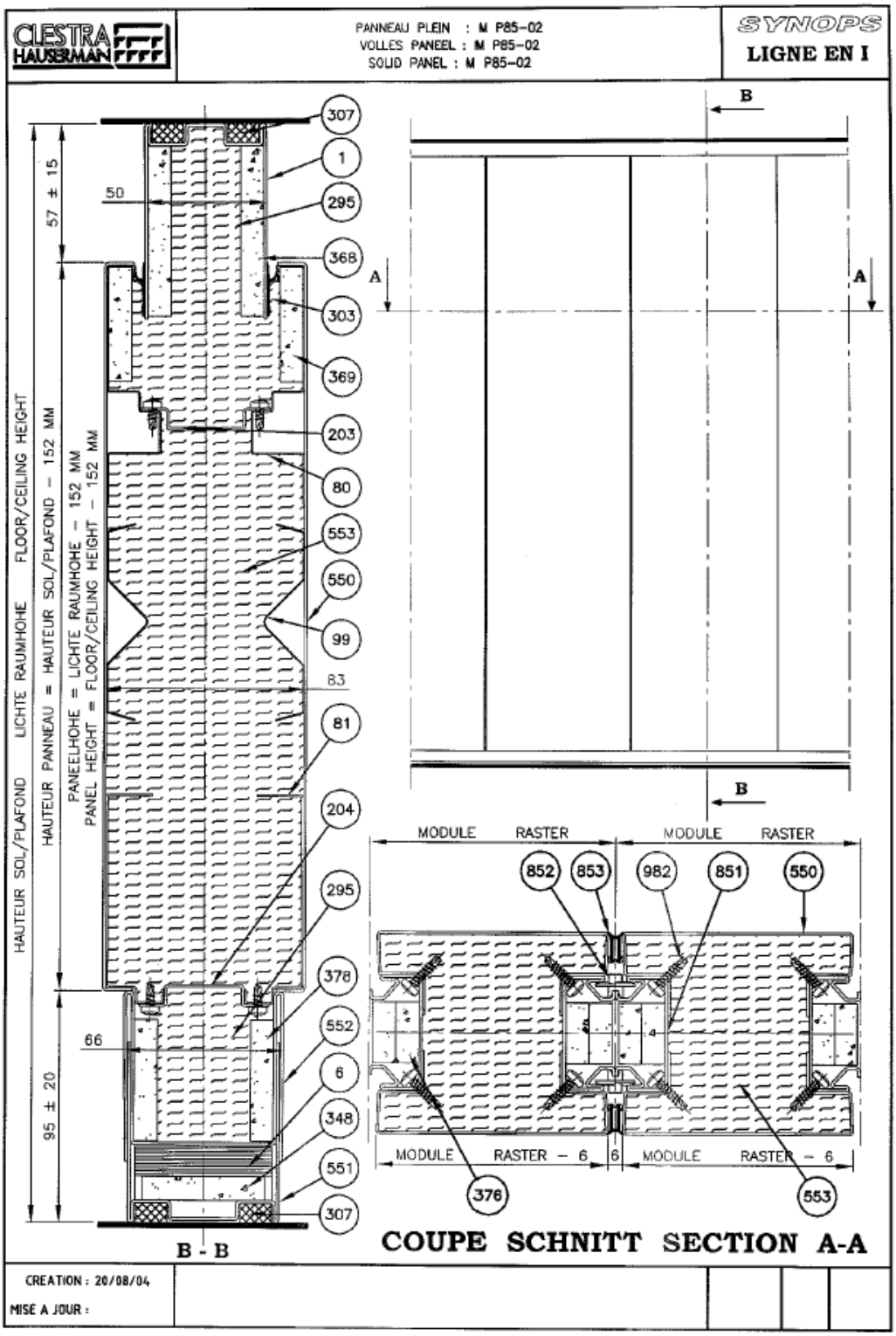
PARTITION KITS	**ANNEX 10 (2/50) of ETA-05/0040**
Drawings	



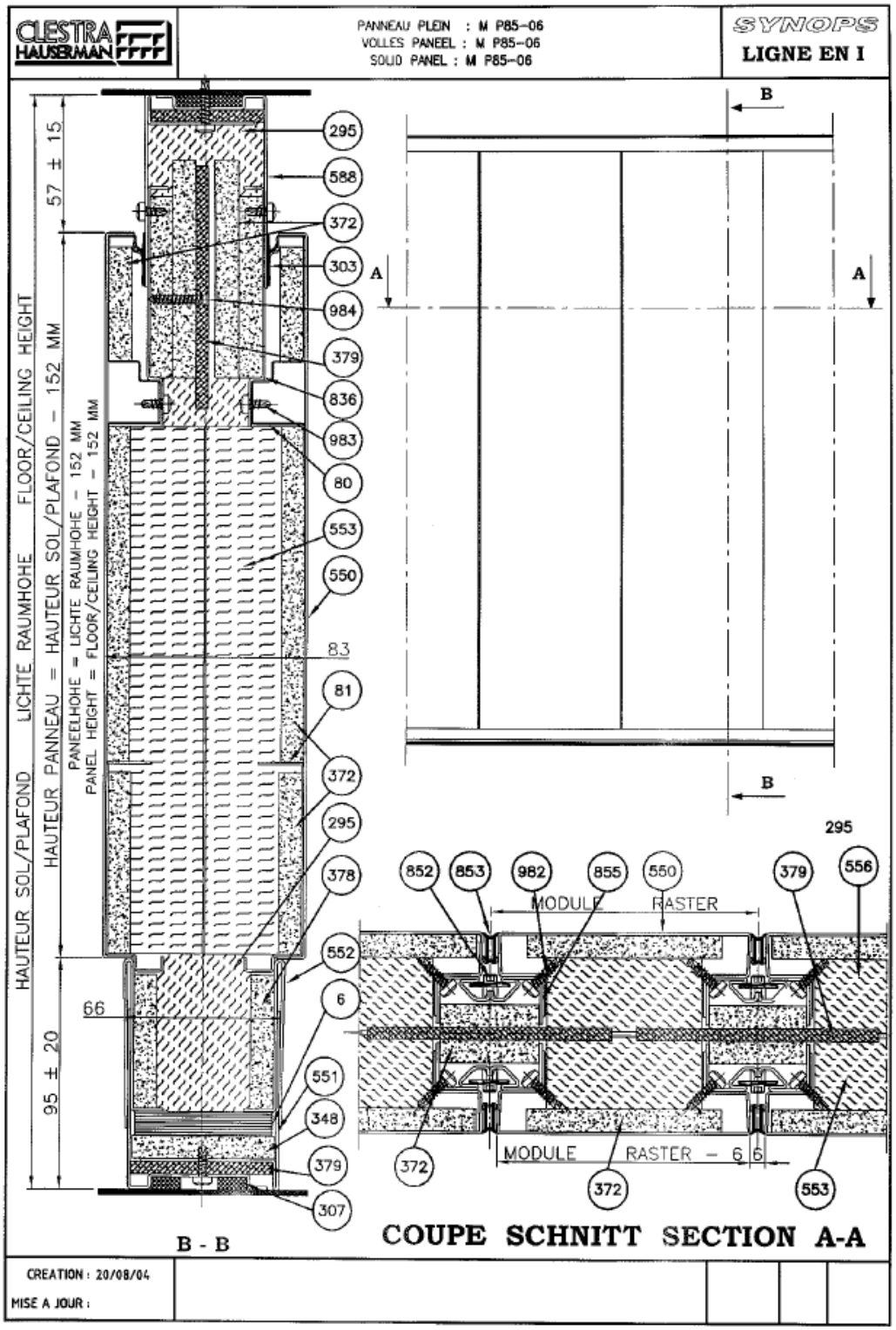
PARTITION KITS	**ANNEX 10 (3/50) of ETA-05/0040**
Drawings	



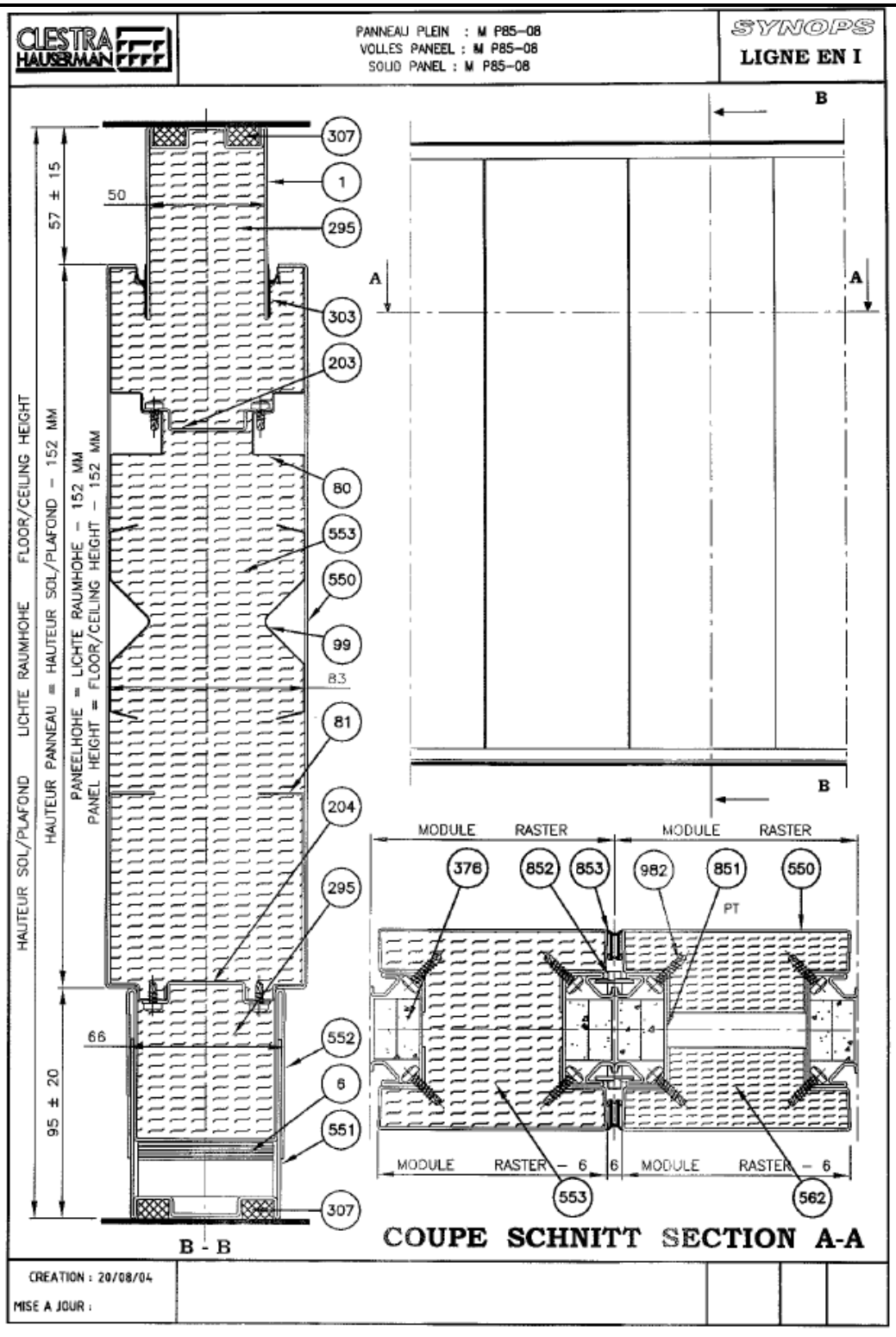
PARTITION KITS	**ANNEX 10 (4/50) of ETA-05/0040**
Drawings	



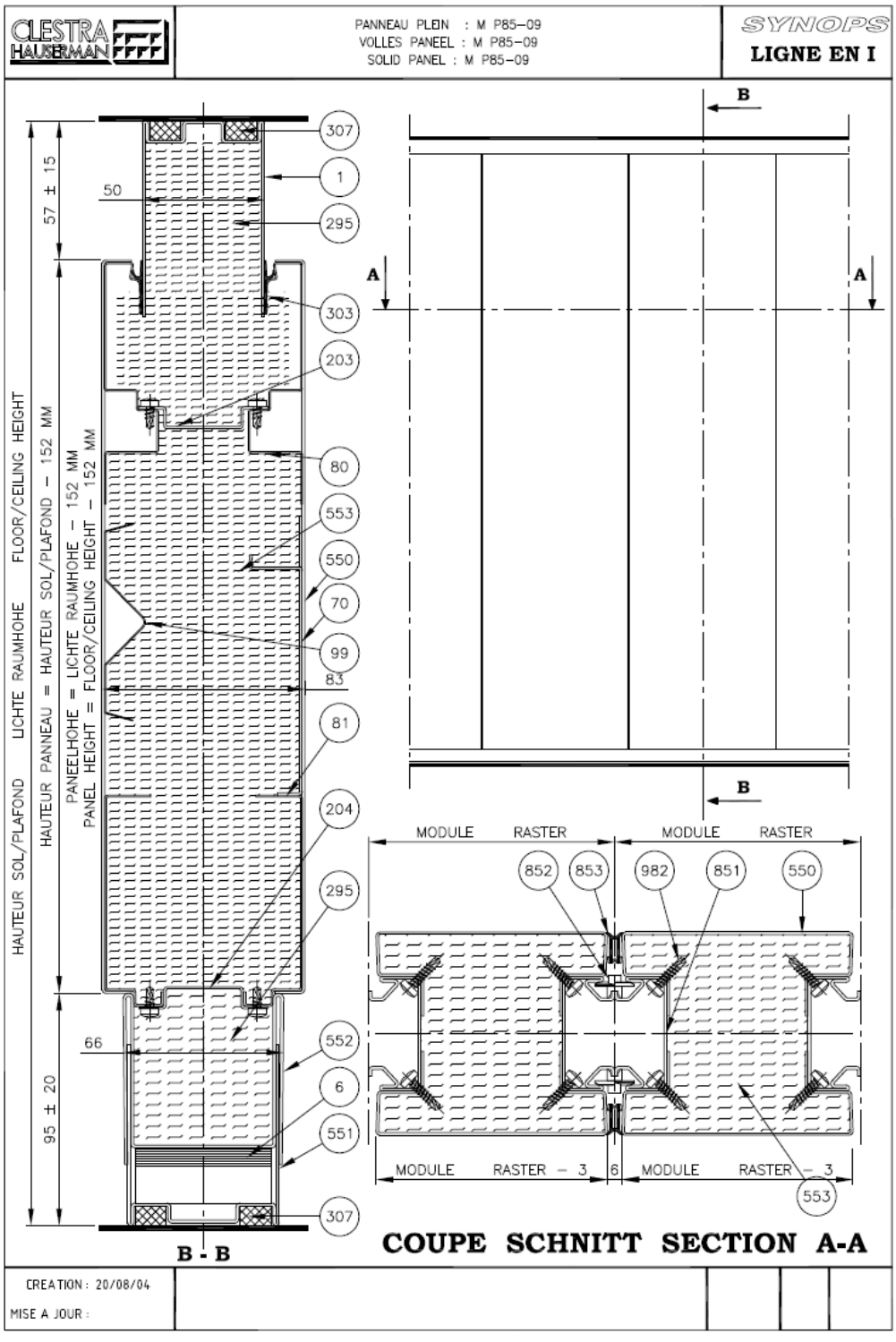
PARTITION KITS	**ANNEX 10 (5/50) of ETA-05/0040**
Drawings	



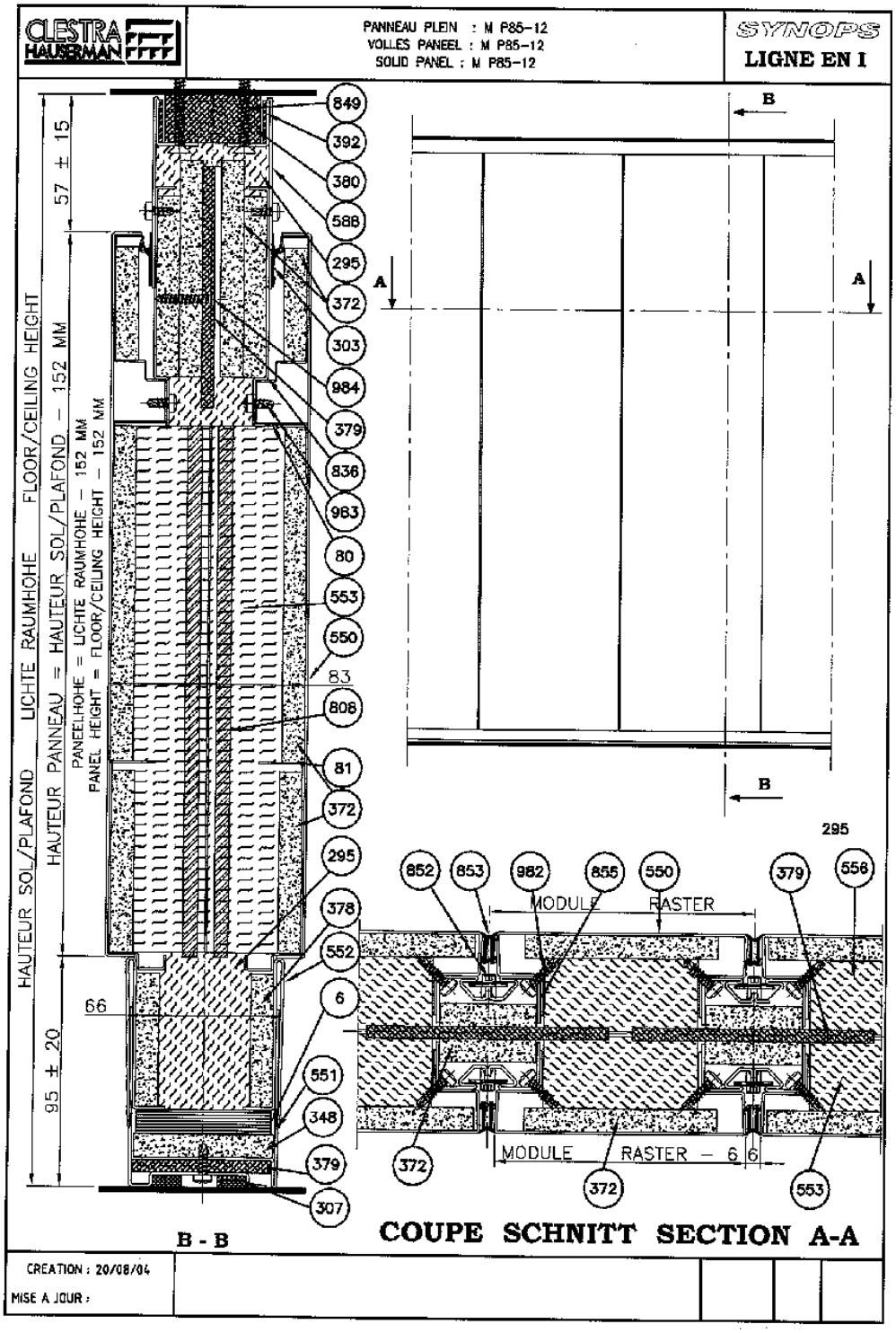
PARTITION KITS	**ANNEX 10 (6/50) of ETA-05/0040**
Drawings	



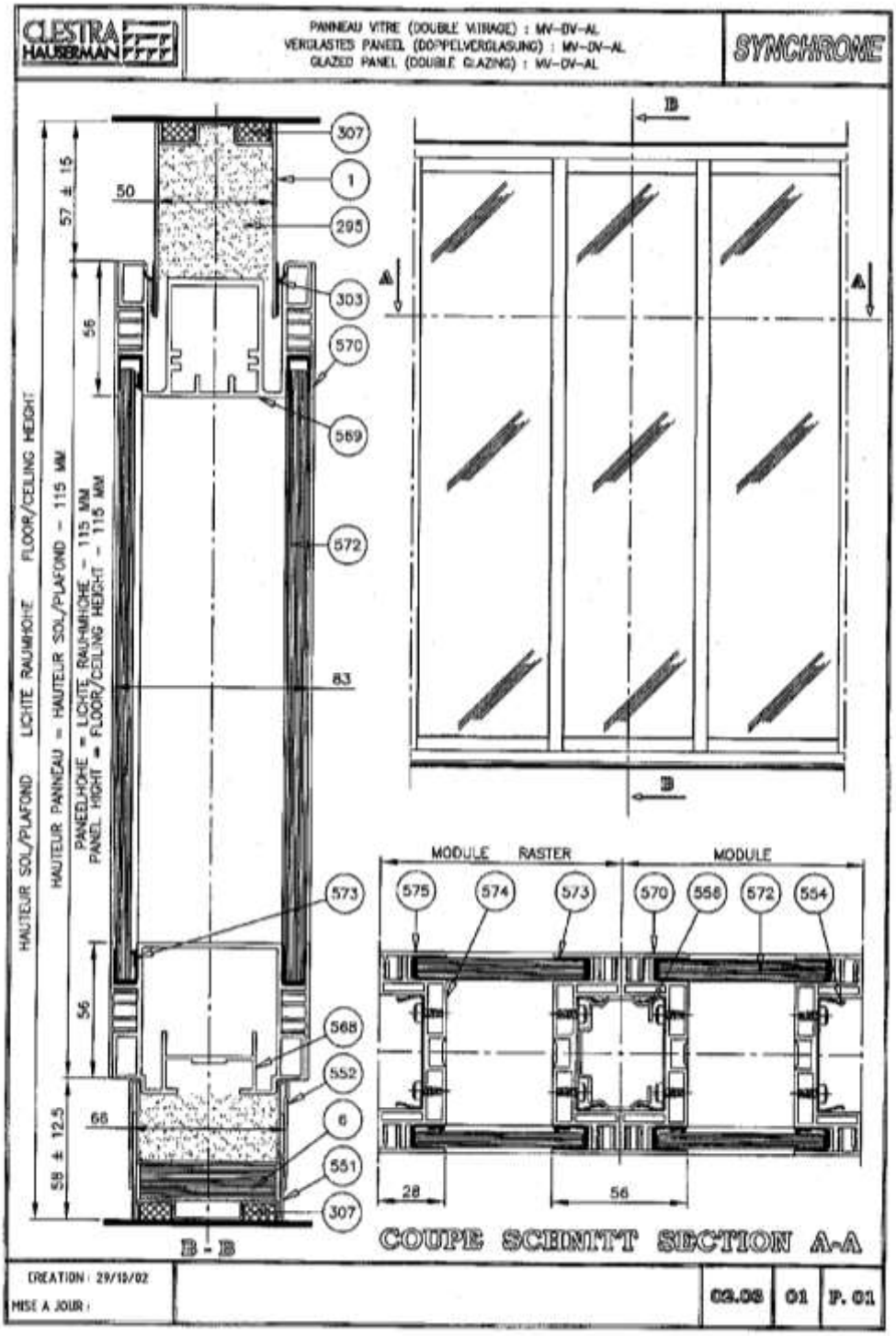
PARTITION KITS	**ANNEX 10 (7/50) of ETA-05/0040**
Drawings	



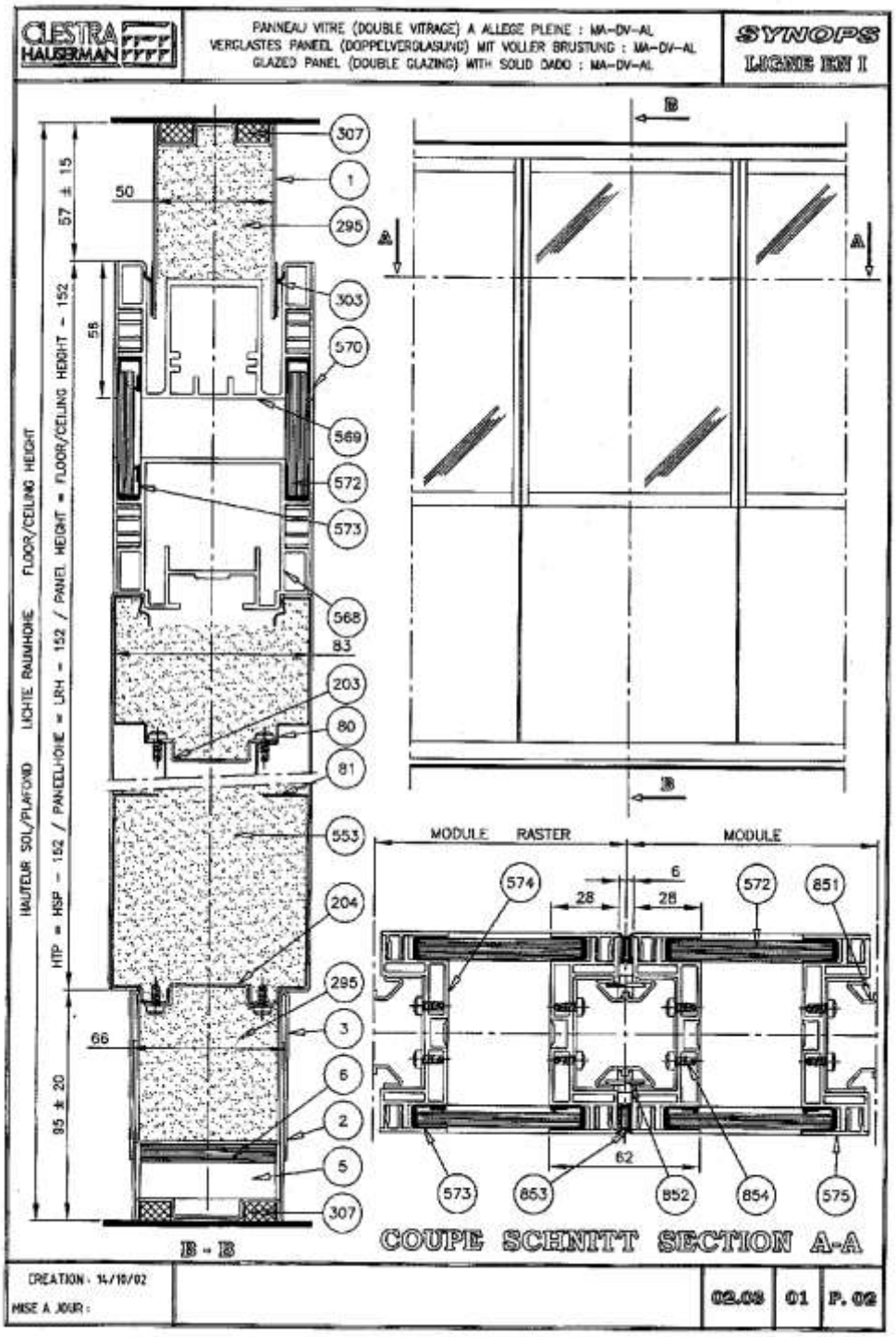
PARTITION KITS	**ANNEX 10 (8/50) of ETA-05/0040**
Drawings	



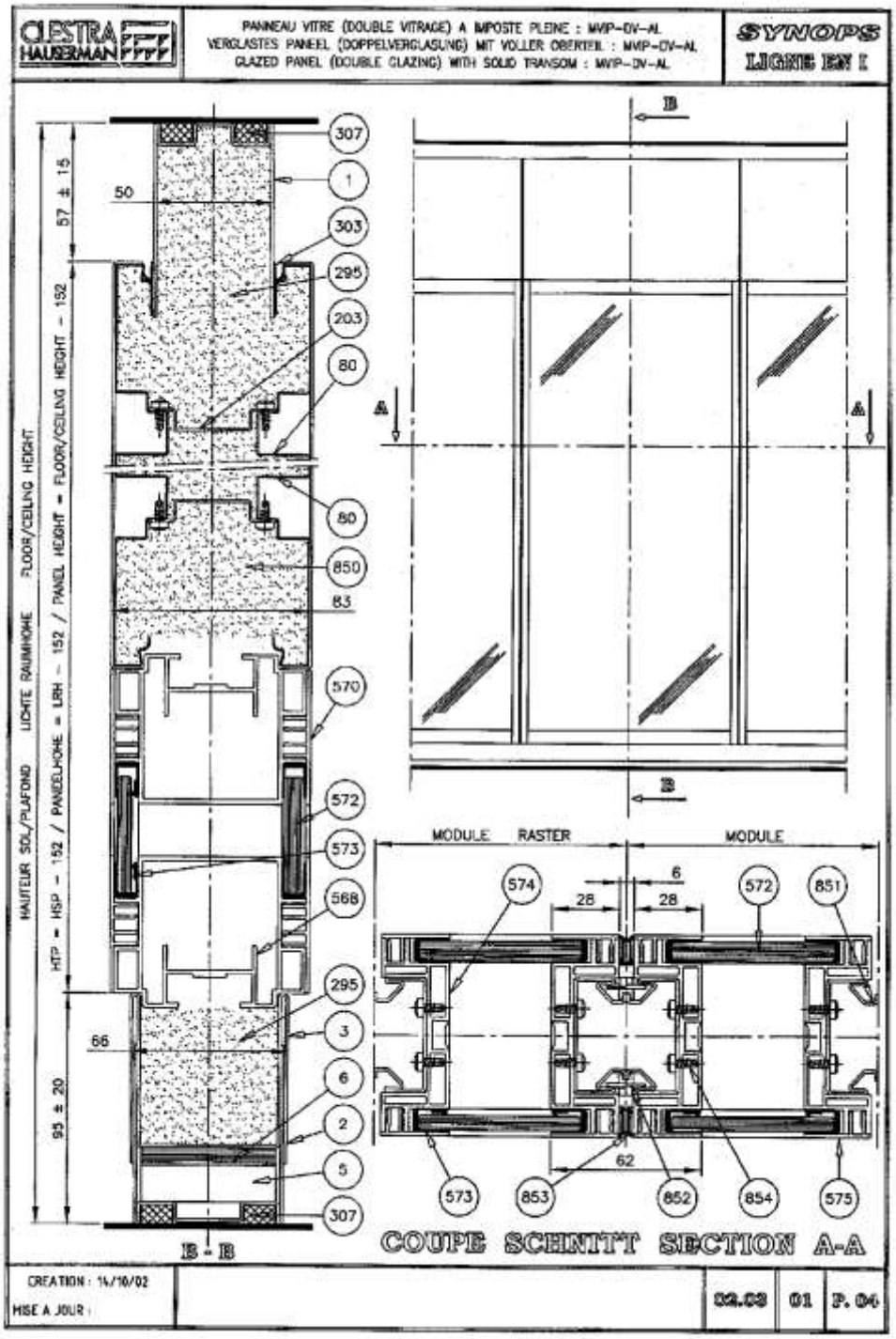
PARTITION KITS	**ANNEX 10 (9/50) of ETA-05/0040**
Drawings	



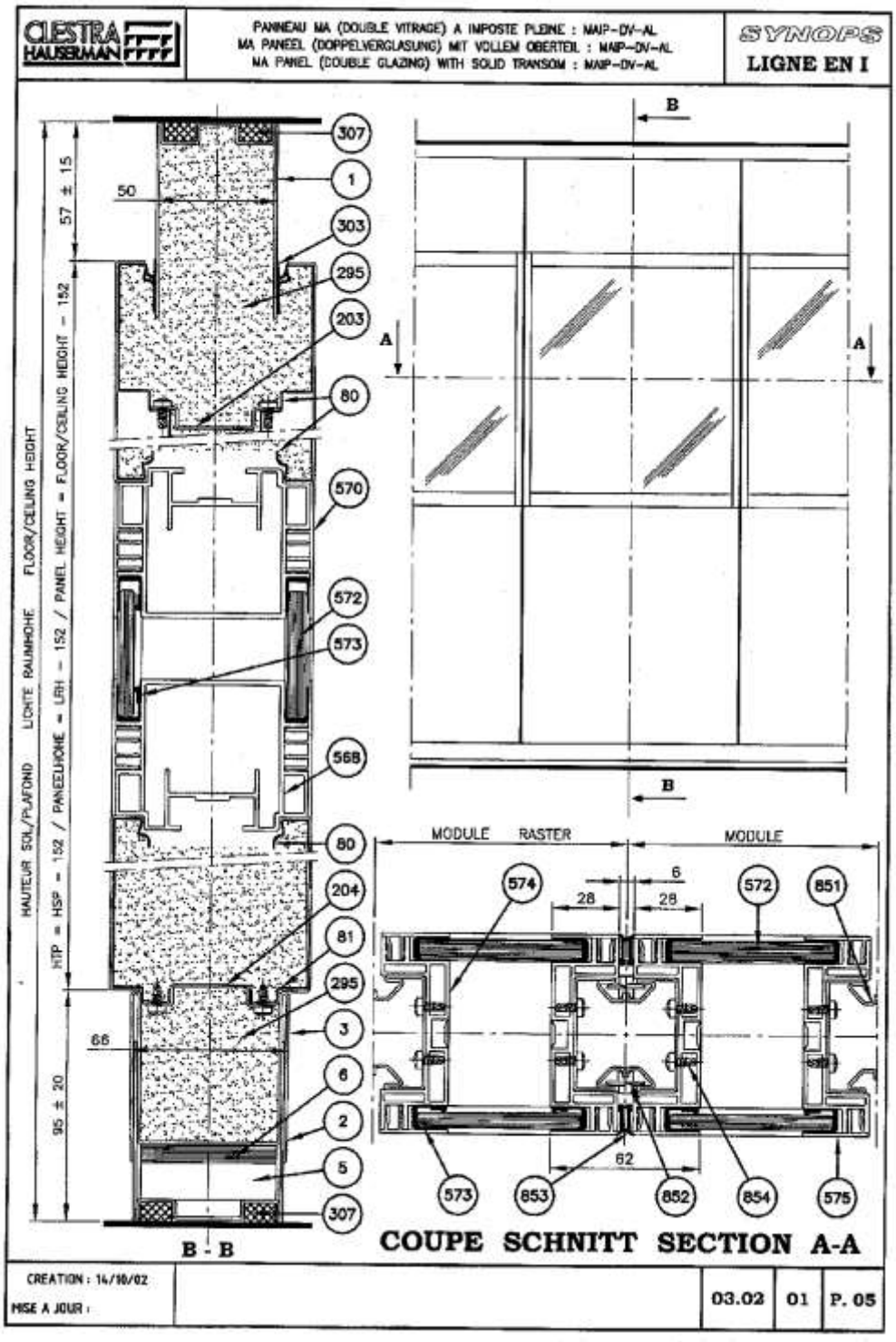
PARTITION KITS	**ANNEX 10 (10/50) of ETA-05/0040**
Drawings	



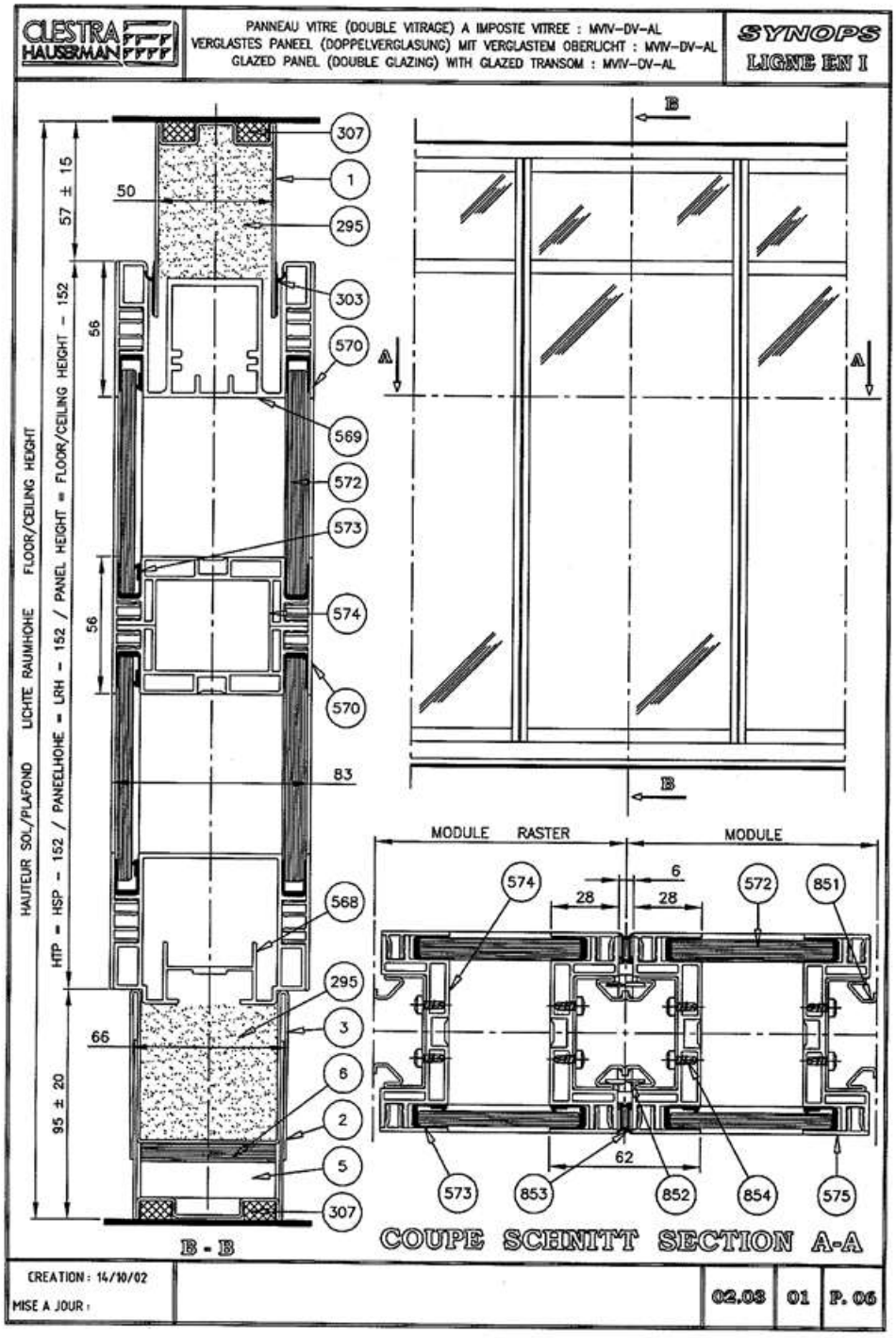
PARTITION KITS	ANNEX 10 (11/50) of ETA-05/0040
Drawings	



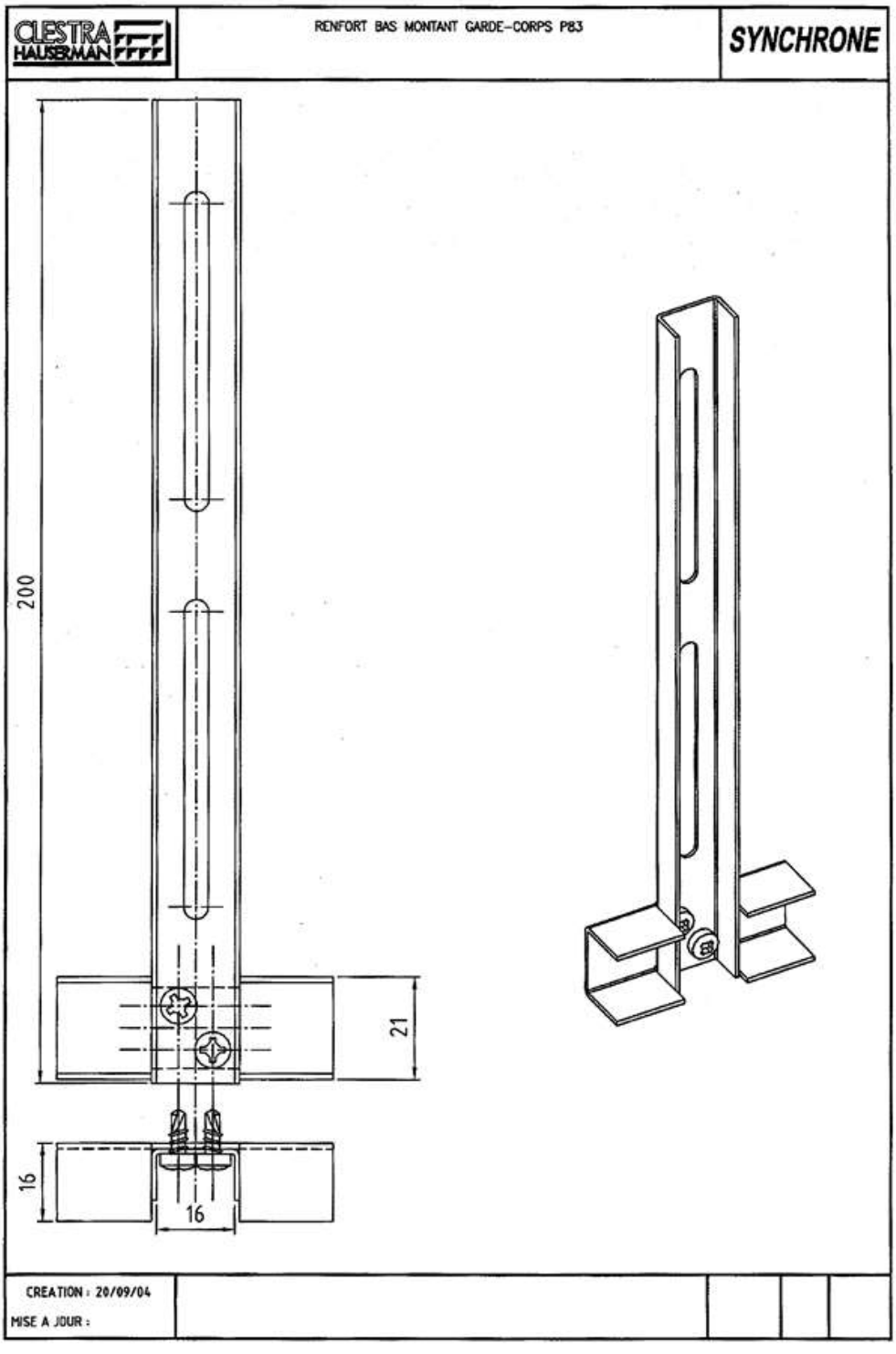
PARTITION KITS	**ANNEX 10 (12/50) of ETA-05/0040**
Drawings	



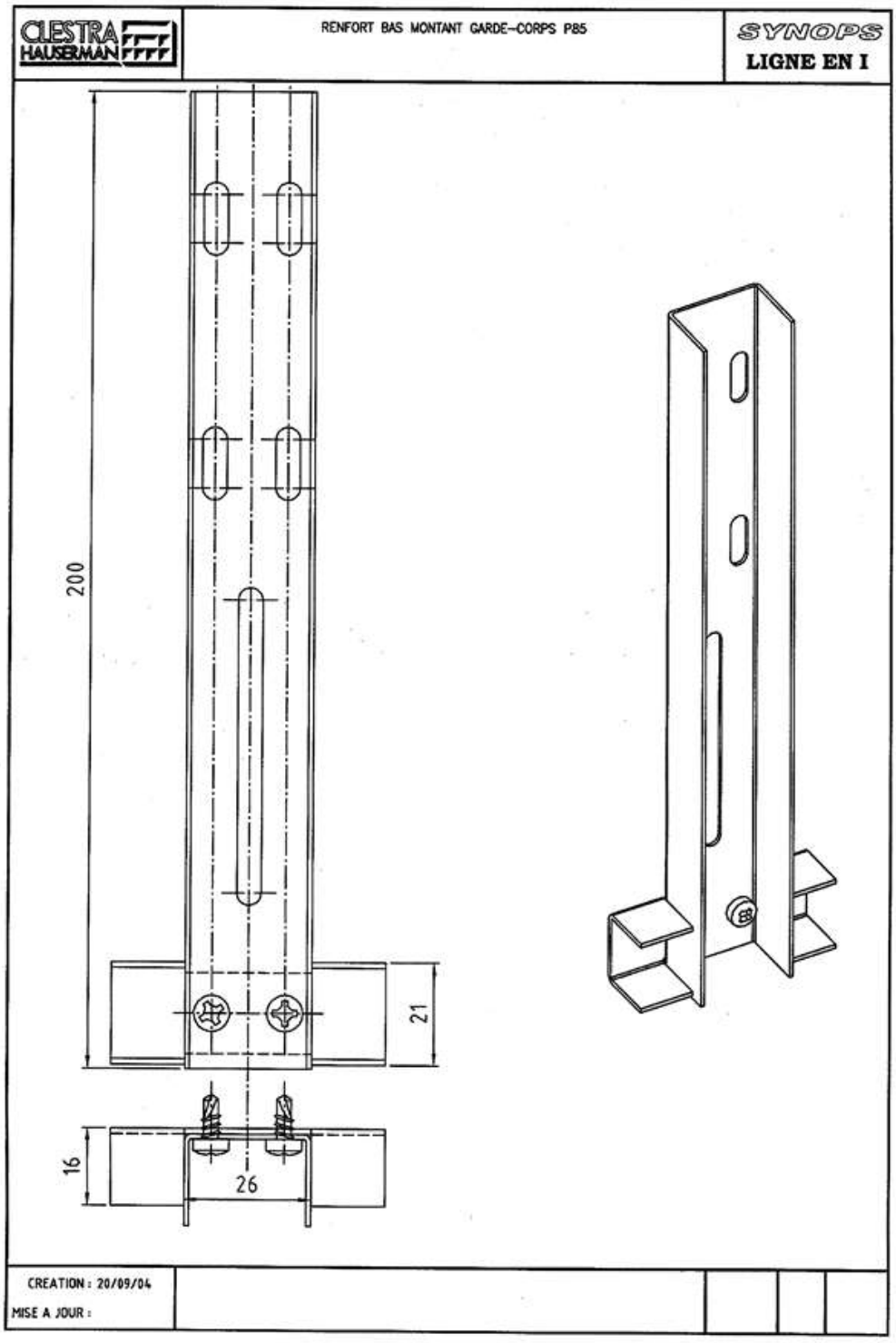
PARTITION KITS	**ANNEX 10 (13/50) of ETA-05/0040**
Drawings	



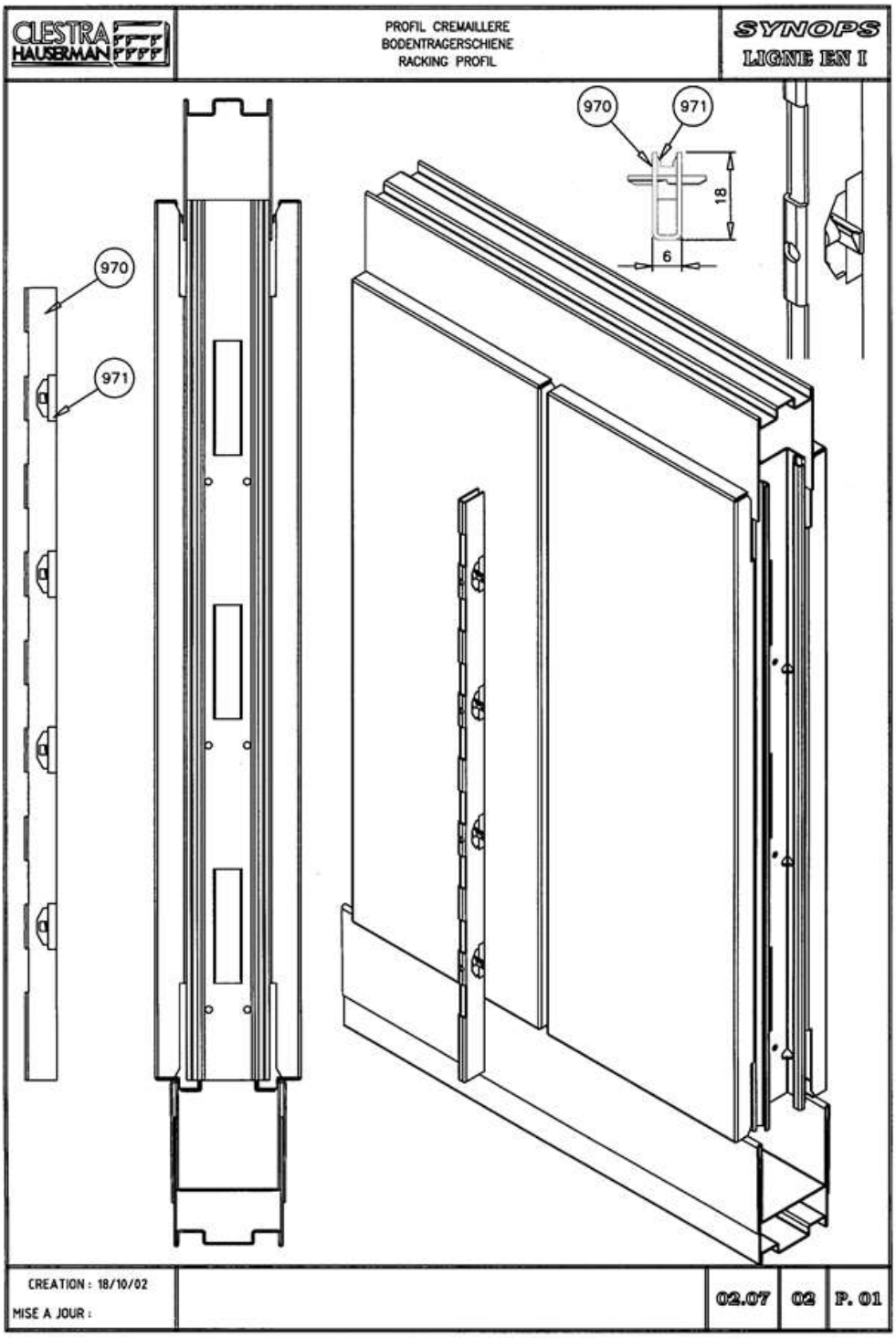
PARTITION KITS	**ANNEX 10 (14/50) of ETA-05/0040**
Drawings	



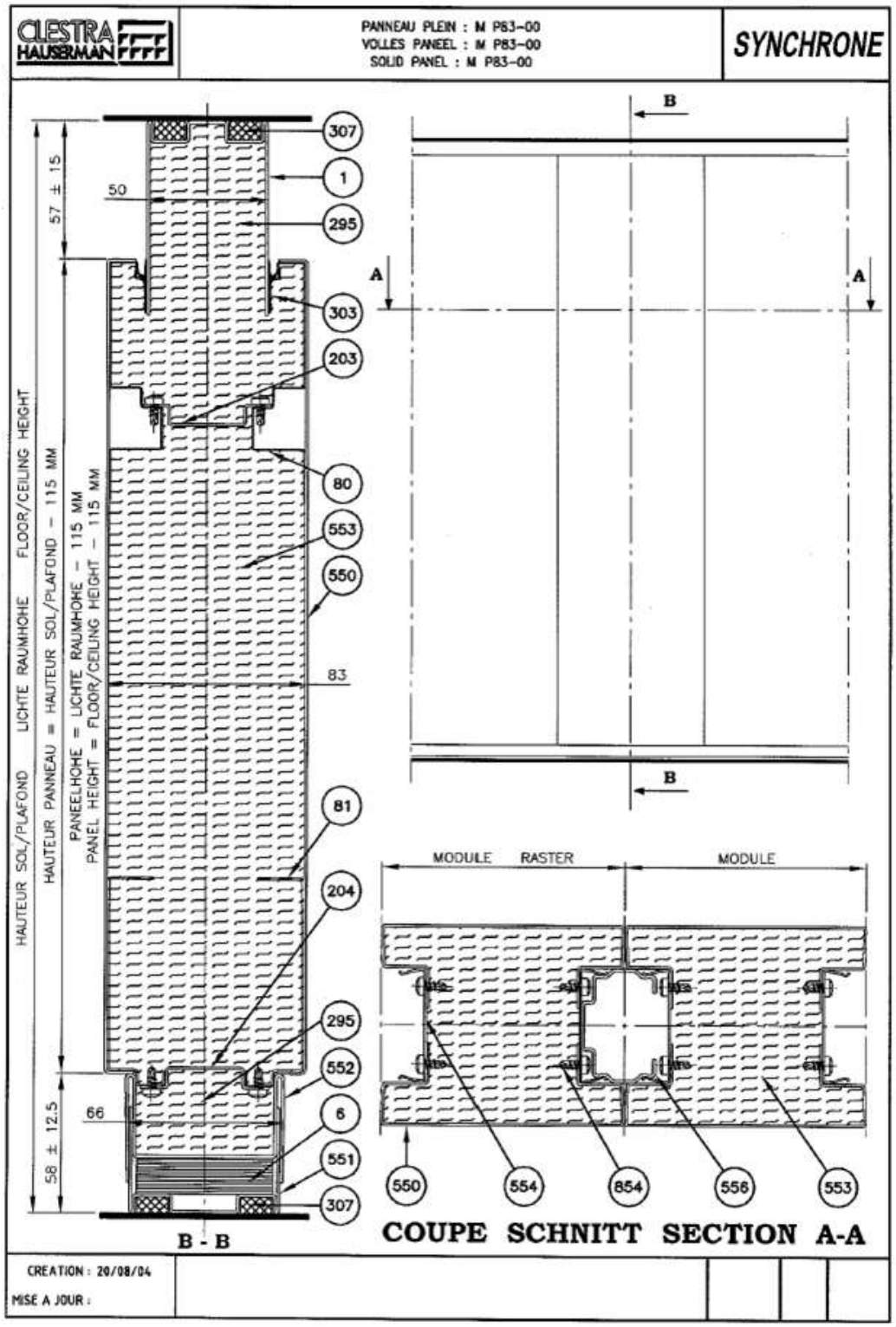
PARTITION KITS	**ANNEX 10 (15/50) of ETA-05/0040**
Drawings	



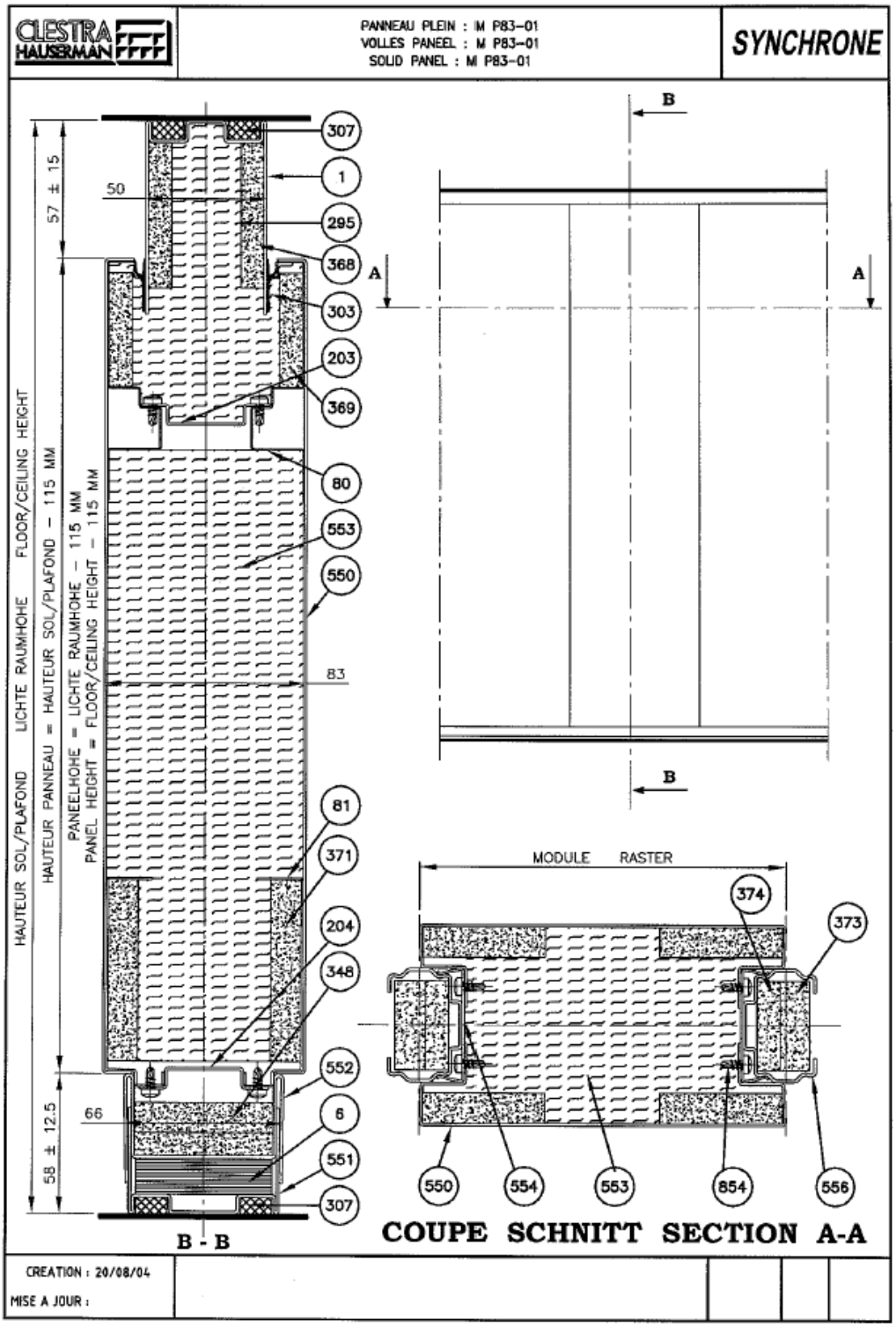
PARTITION KITS	**ANNEX 10 (16/50) of ETA-05/0040**
Drawings	



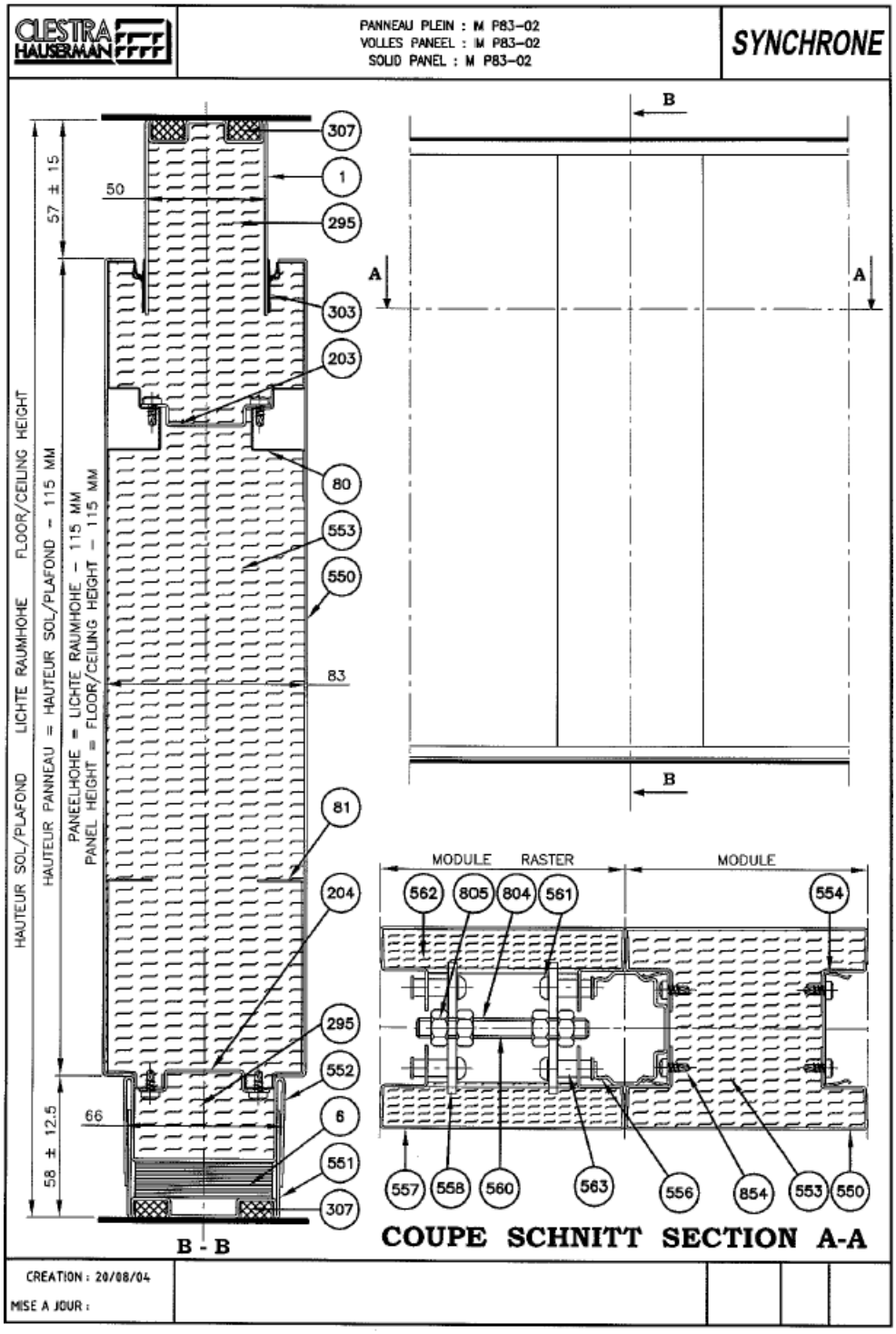
PARTITION KITS	**ANNEX 10 (17/50) of ETA-05/0040**
Drawings	



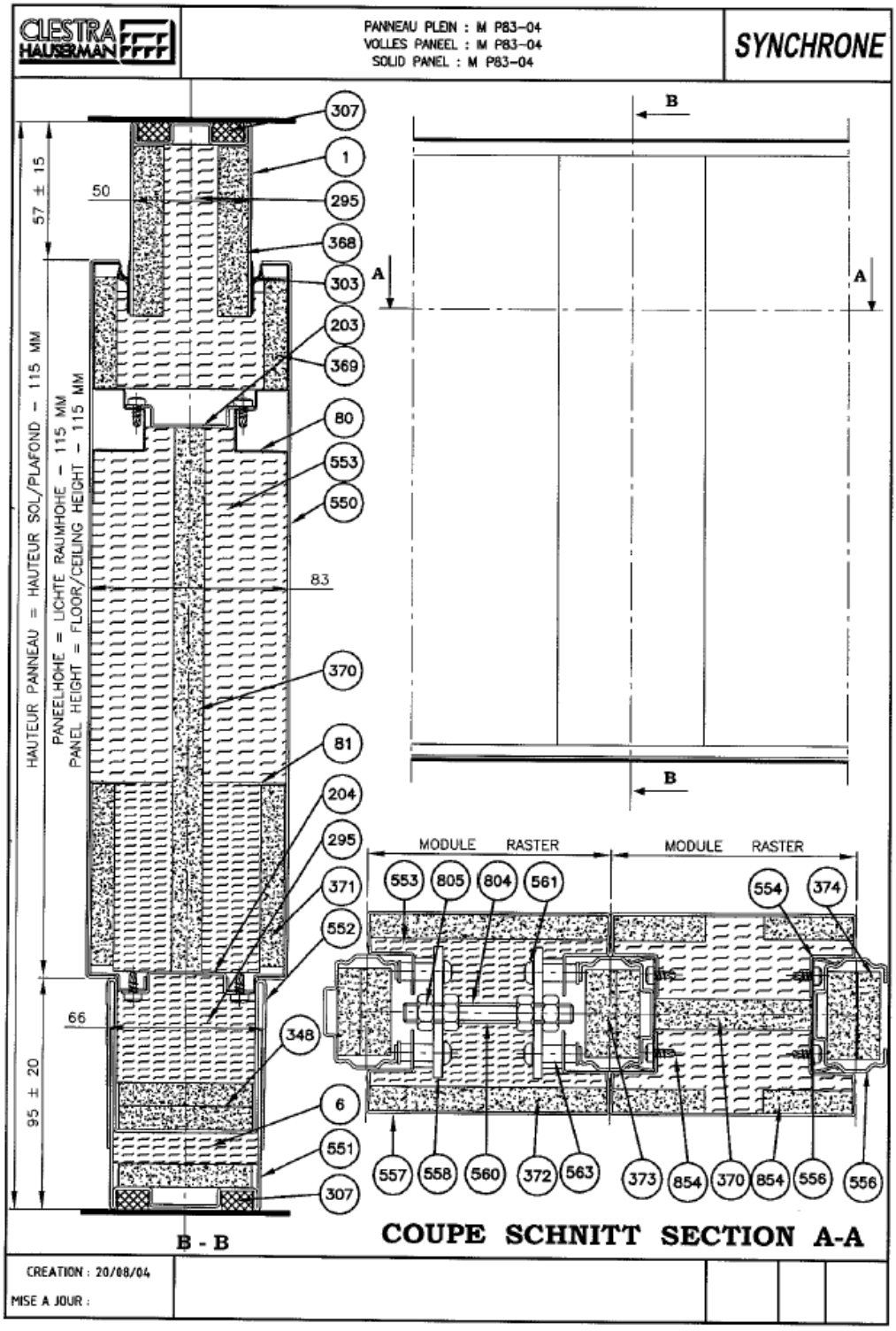
PARTITION KITS	**ANNEX 10 (18/50) of ETA-05/0040**
Drawings	



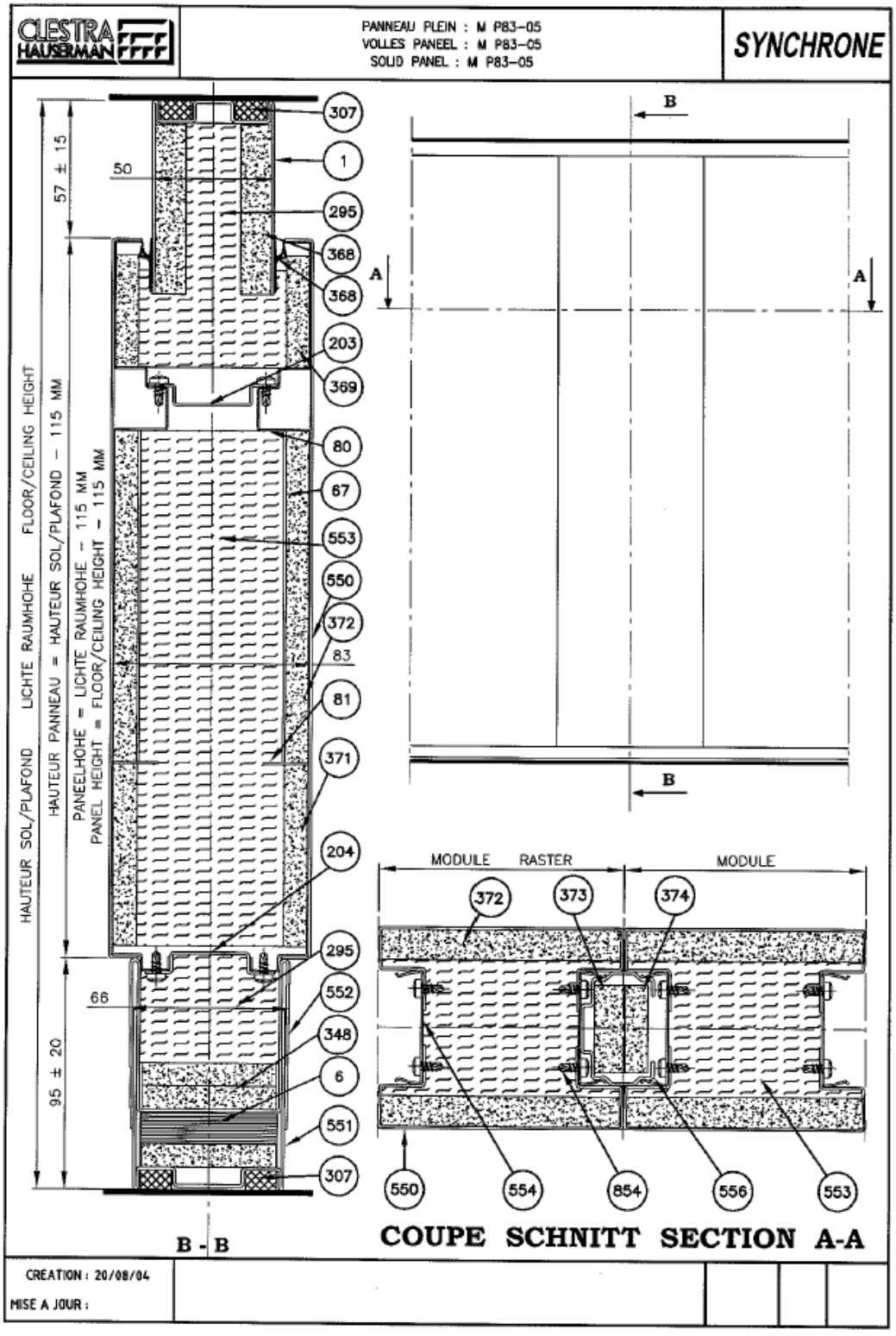
PARTITION KITS	**ANNEX 10 (19/50) of ETA-05/0040**
Drawings	



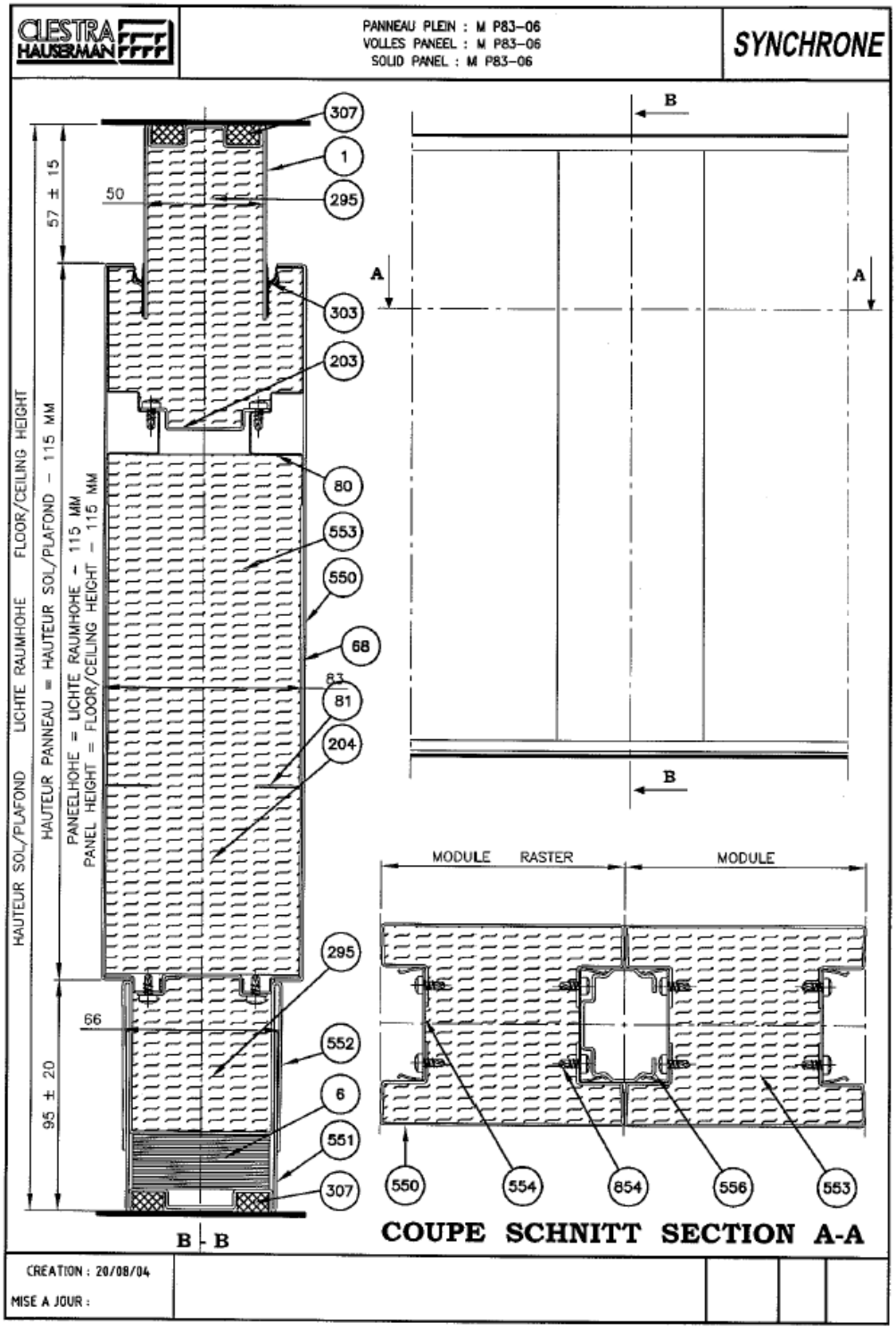
PARTITION KITS	**ANNEX 10 (20/50) of ETA-05/0040**
Drawings	



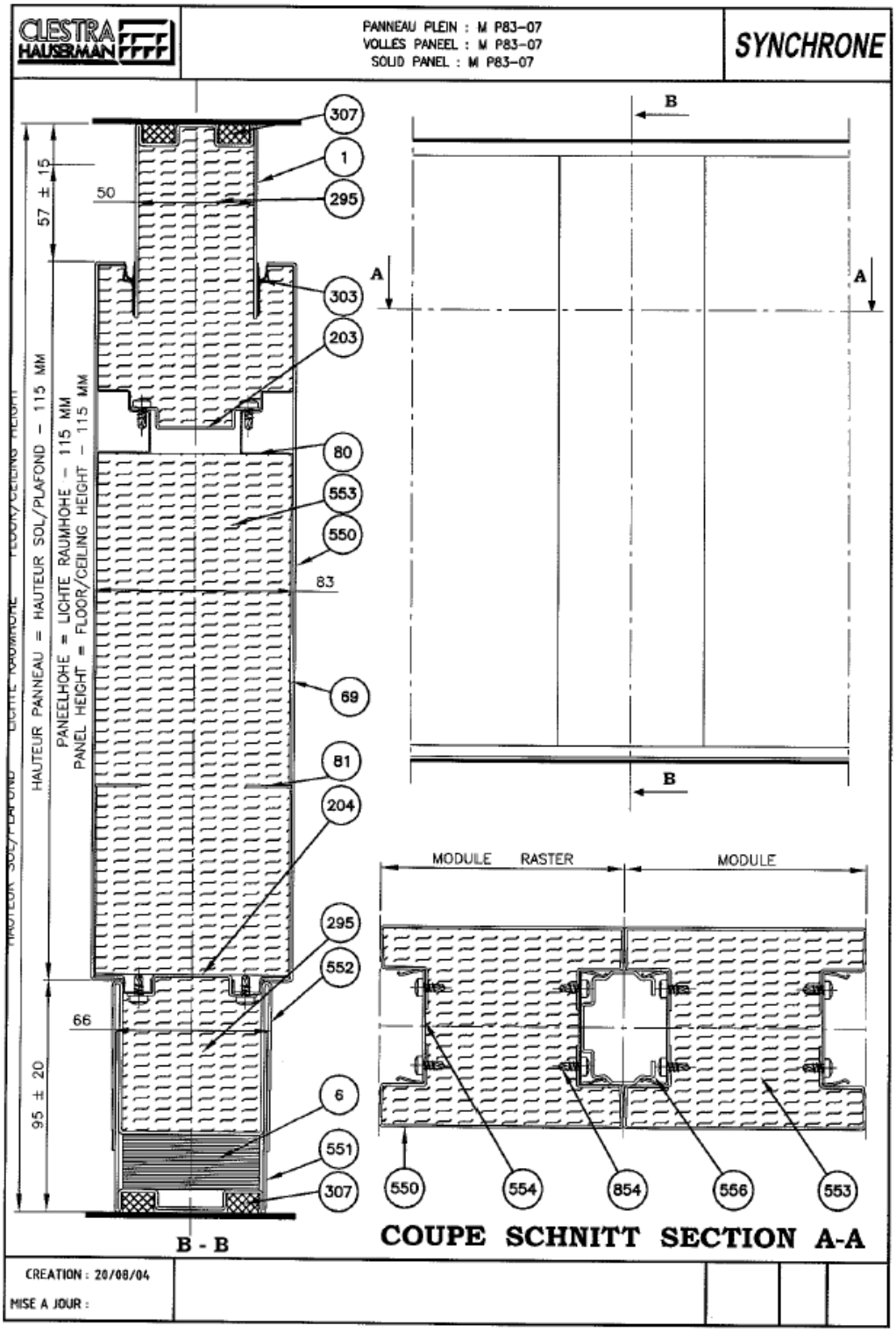
PARTITION KITS	**ANNEX 10 (21/50) of ETA-05/0040**
Drawings	



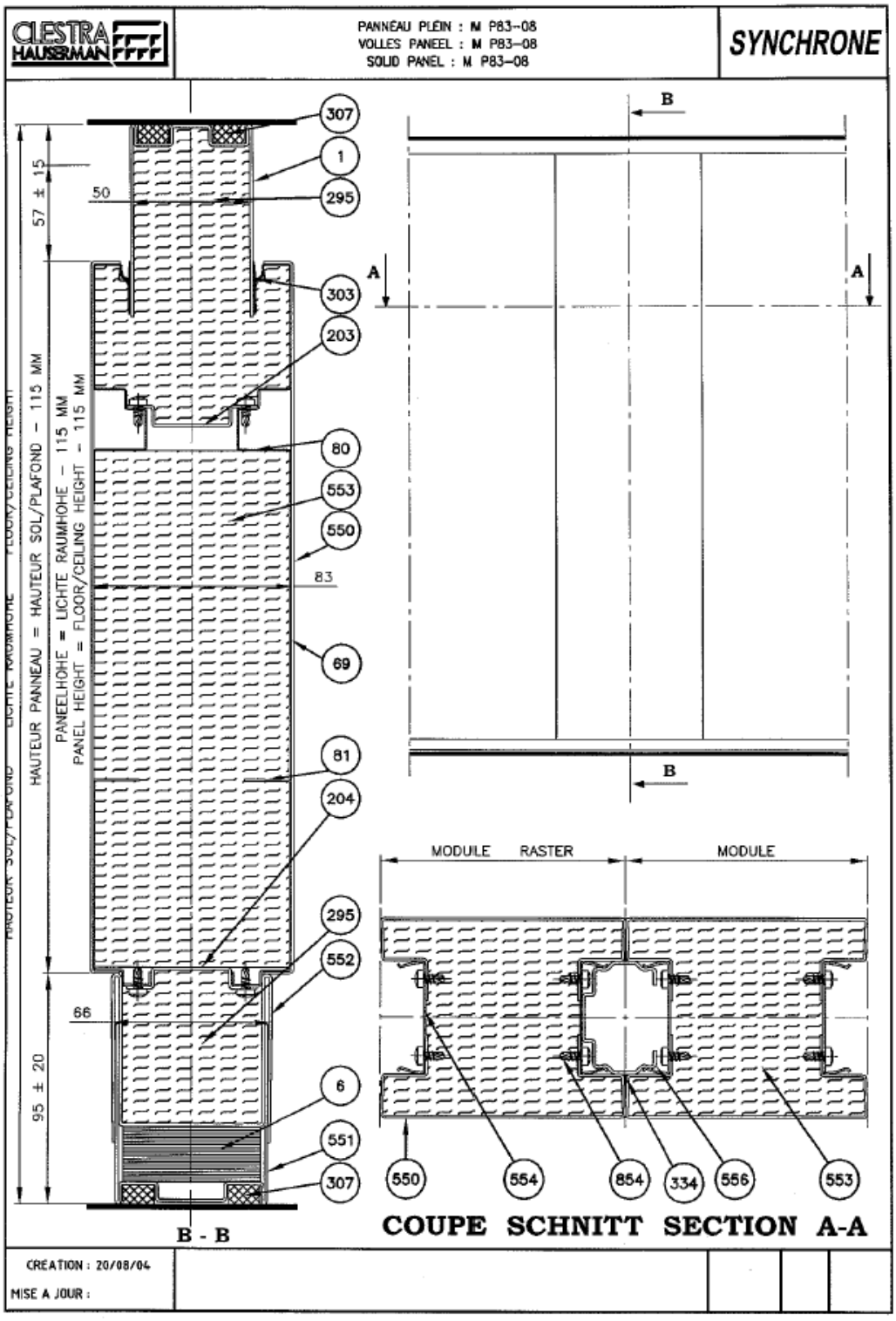
PARTITION KITS	**ANNEX 10 (22/50) of ETA-05/0040**
Drawings	



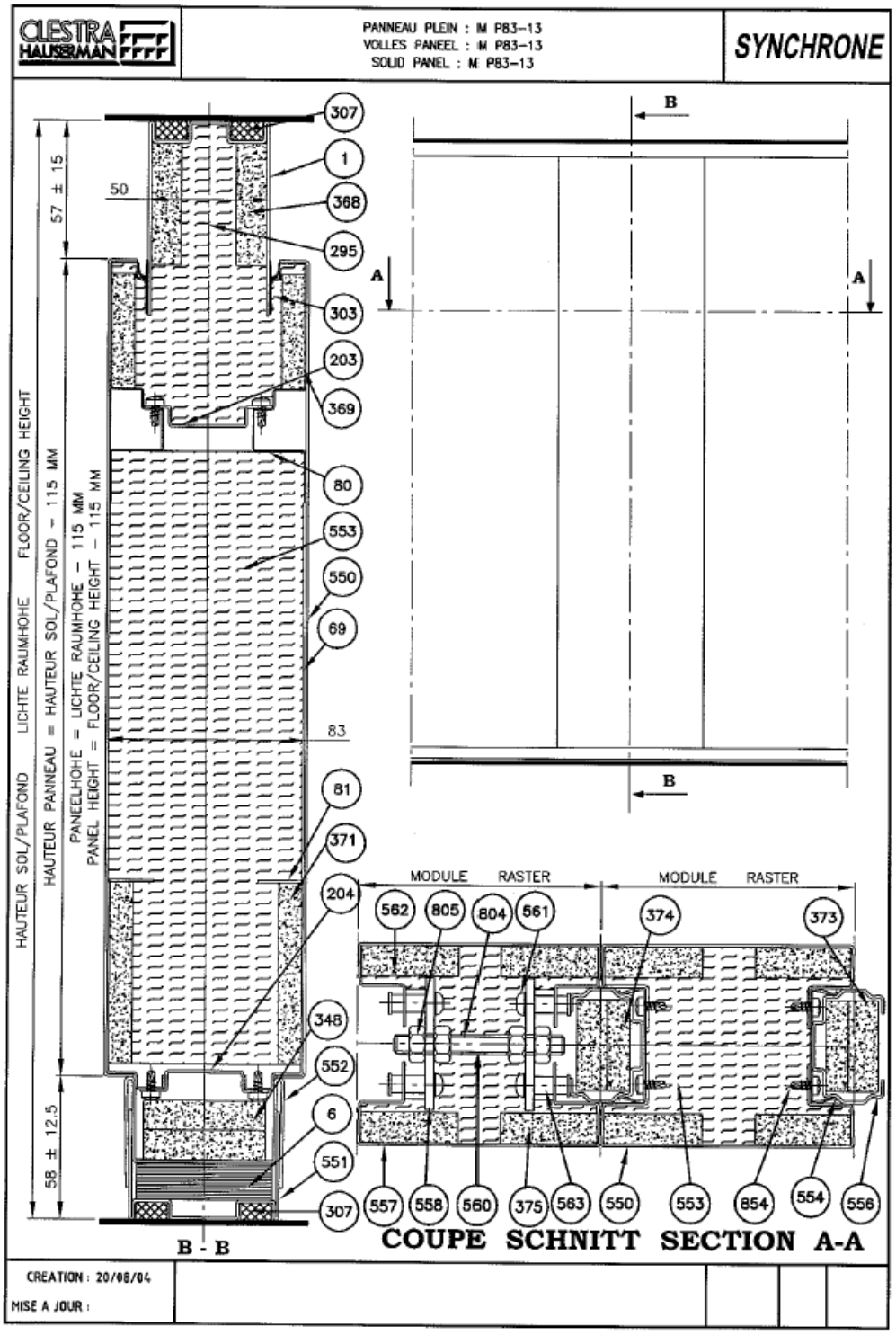
PARTITION KITS	**ANNEX 10 (23/50) of ETA-05/0040**
Drawings	



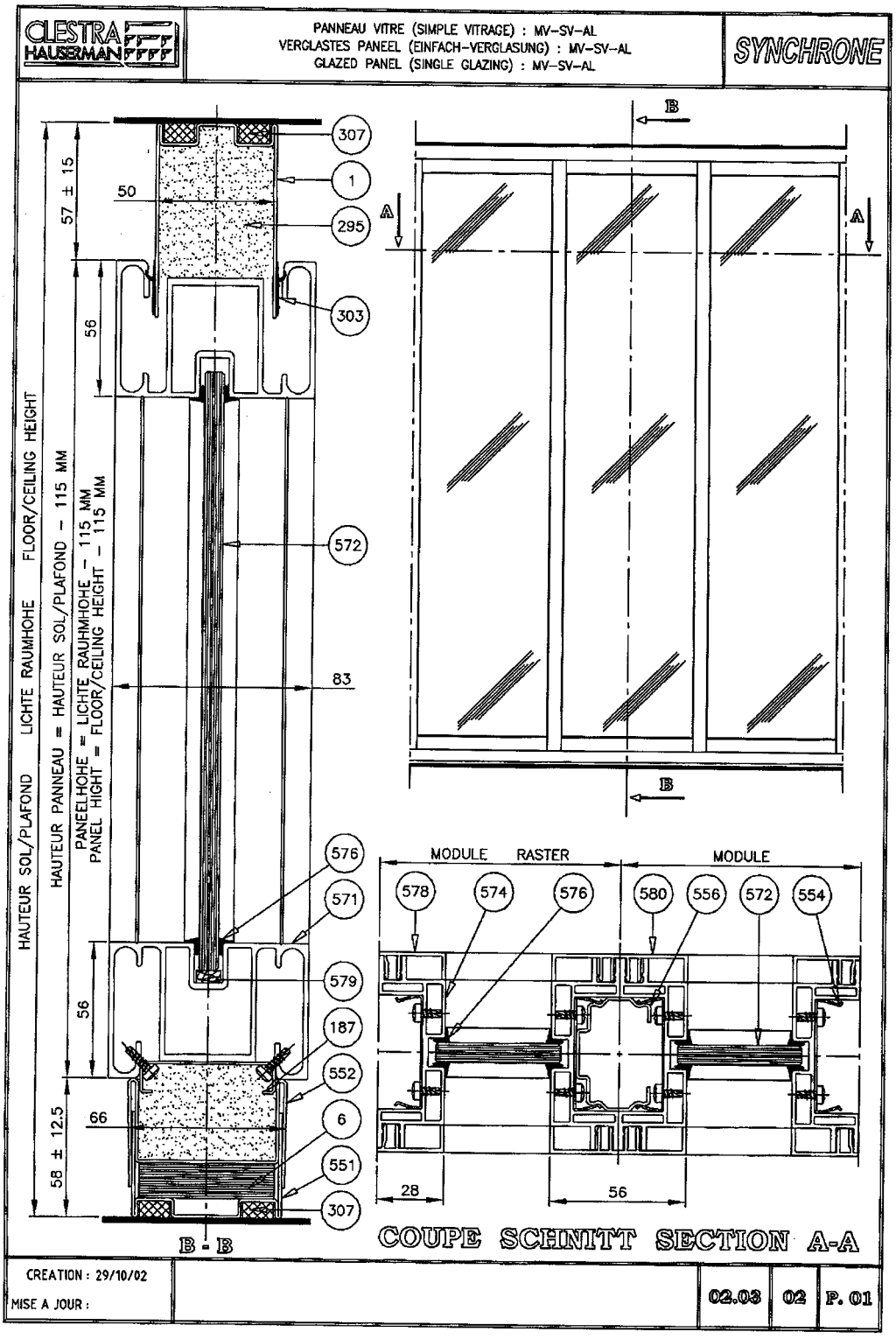
PARTITION KITS	**ANNEX 10 (24/50) of ETA-05/0040**
Drawings	



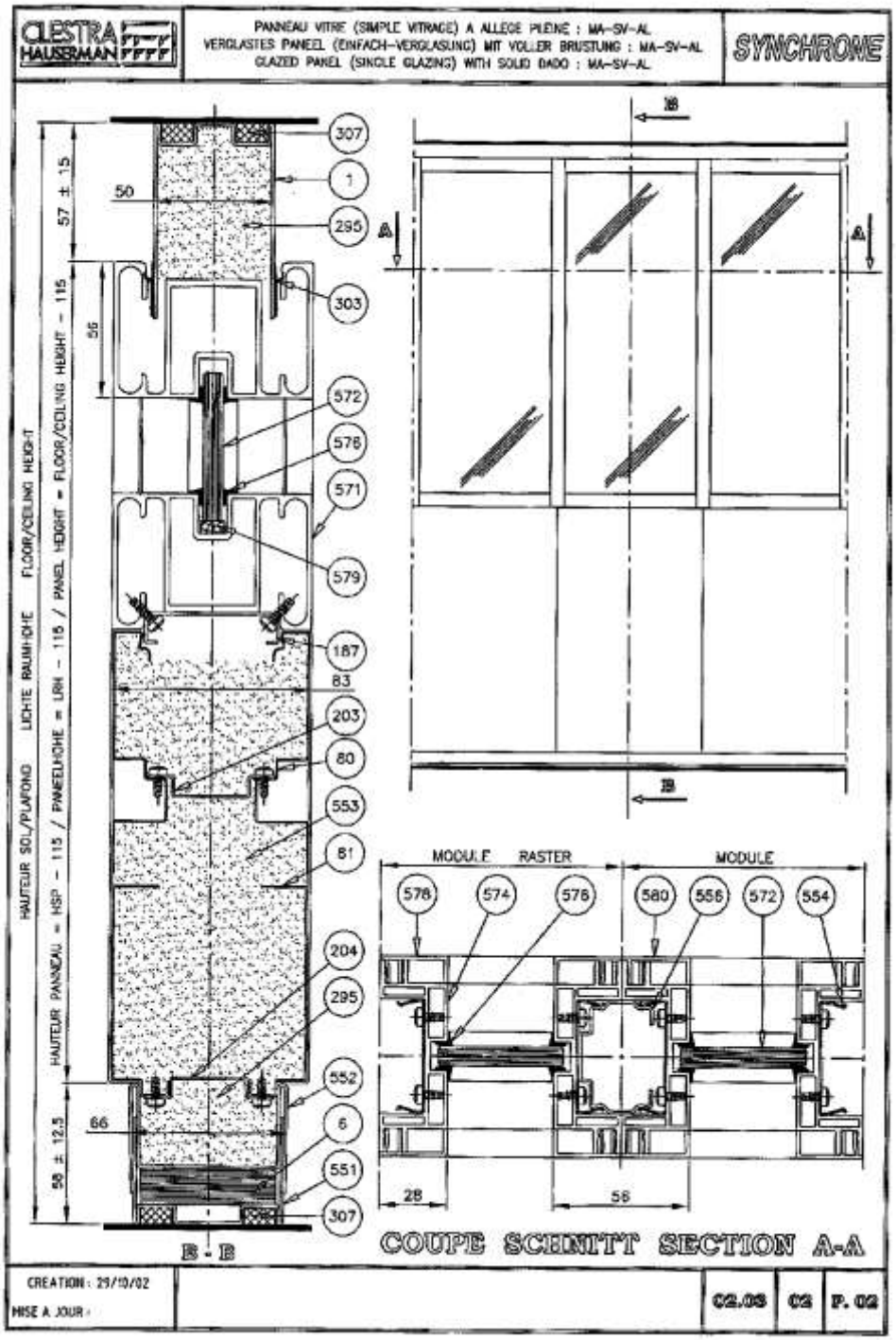
PARTITION KITS	**ANNEX 10 (25/50) of ETA-05/0040**
Drawings	



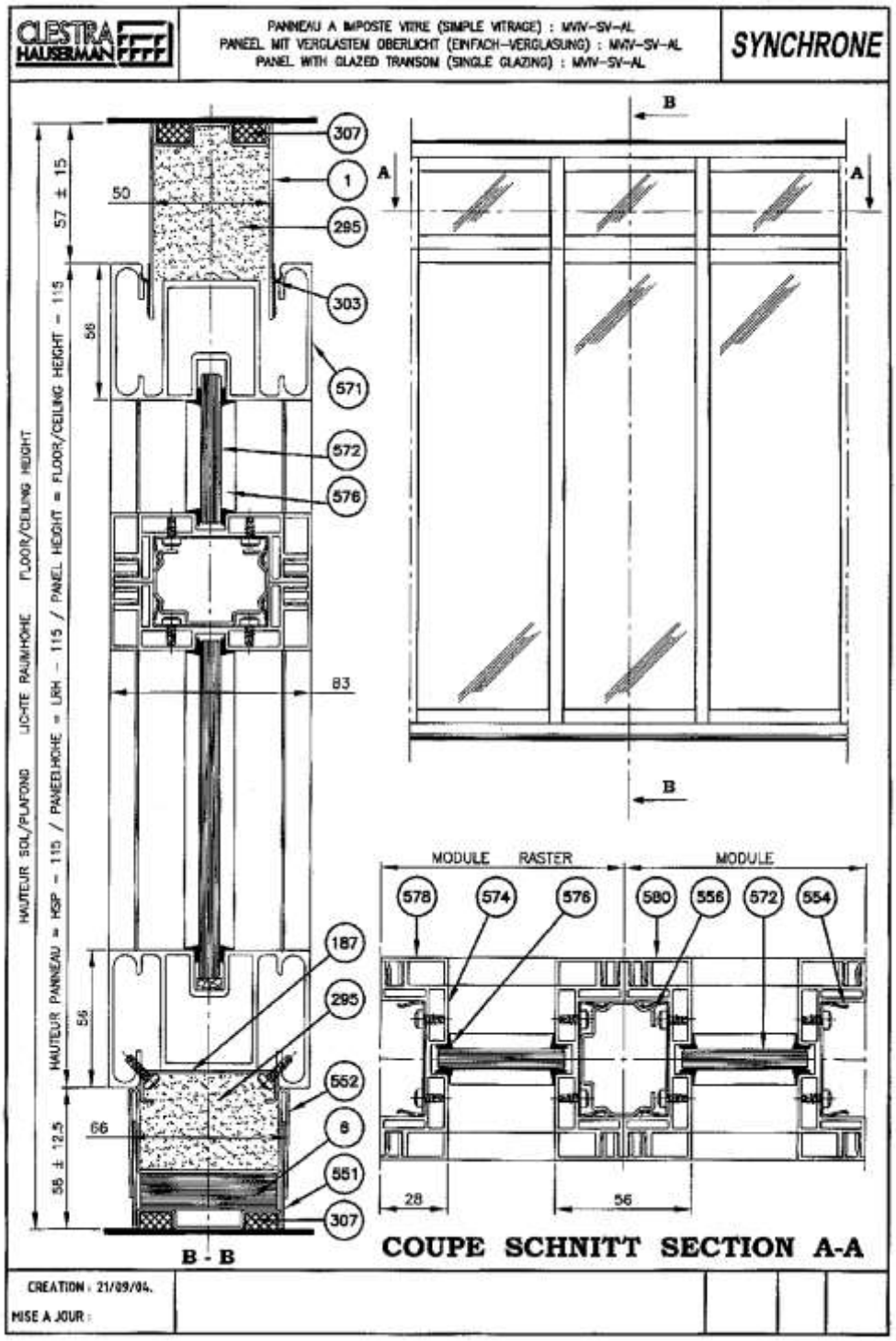
PARTITION KITS	**ANNEX 10 (26/50) of ETA-05/0040**
Drawings	



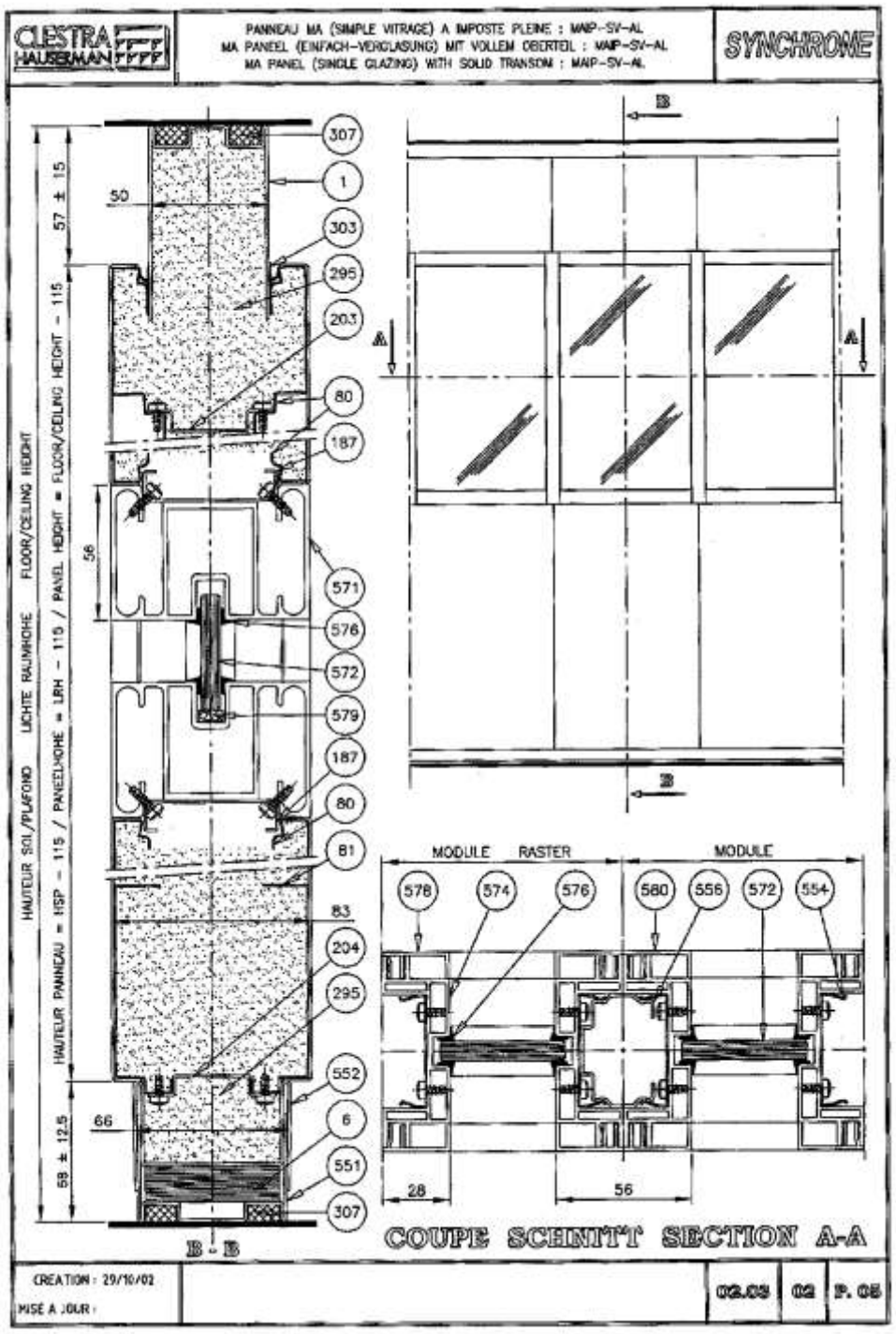
PARTITION KITS	**ANNEX 10 (27/50) of ETA-05/0040**
Drawings	



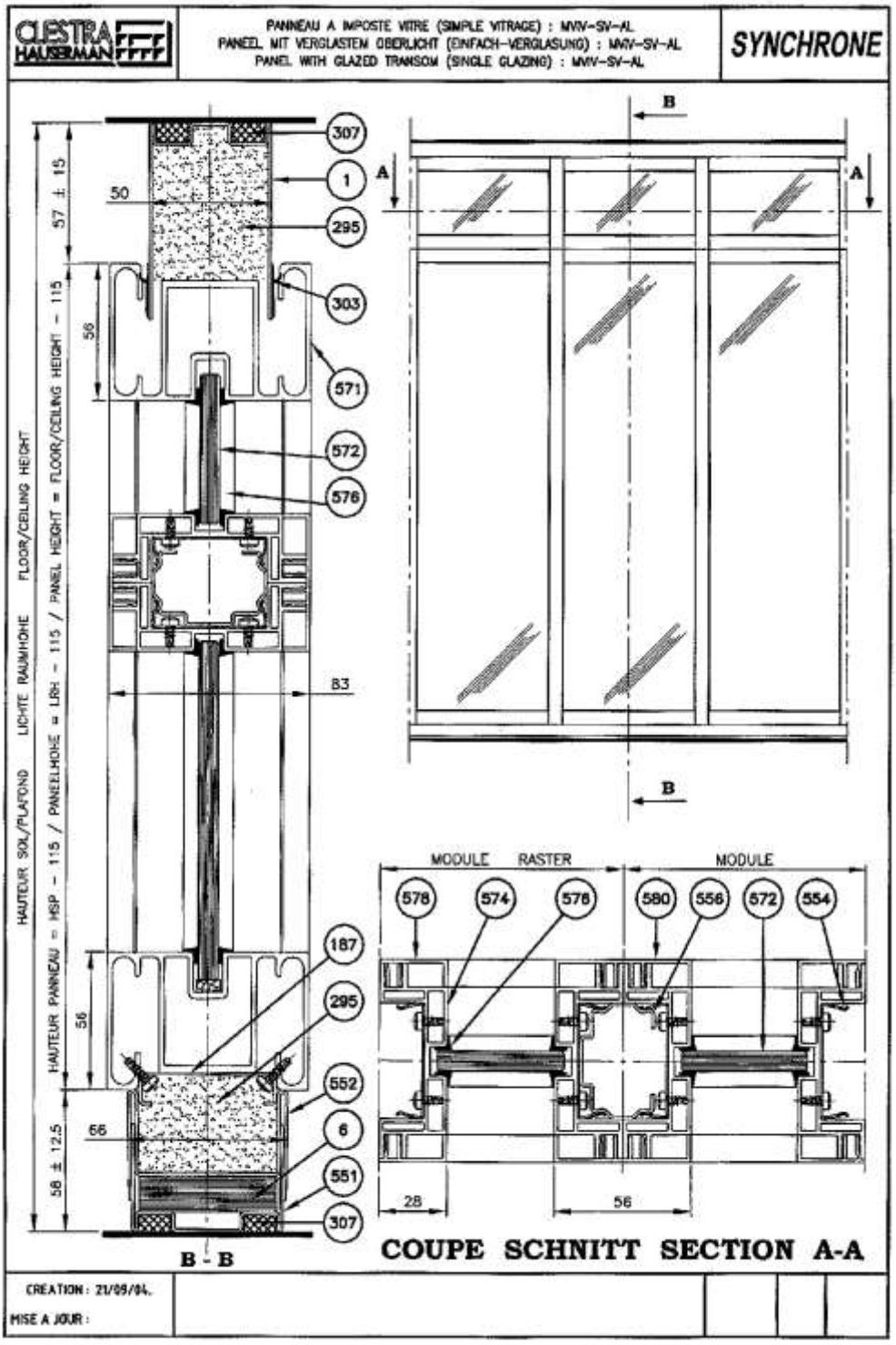
PARTITION KITS	**ANNEX 10 (28/50) of ETA-05/0040**
Drawings	



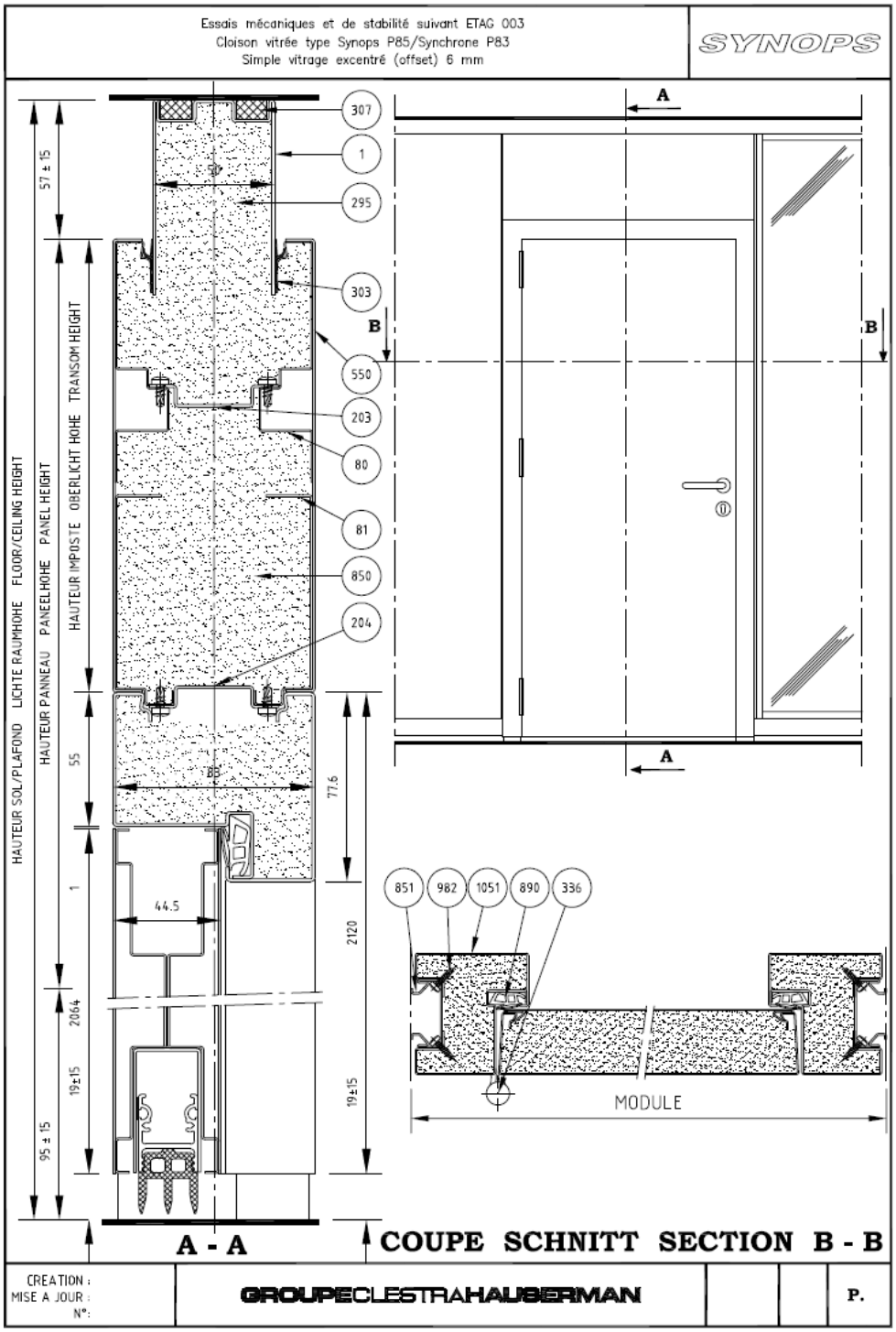
PARTITION KITS	**ANNEX 10 (29/50) of ETA-05/0040**
Drawings	



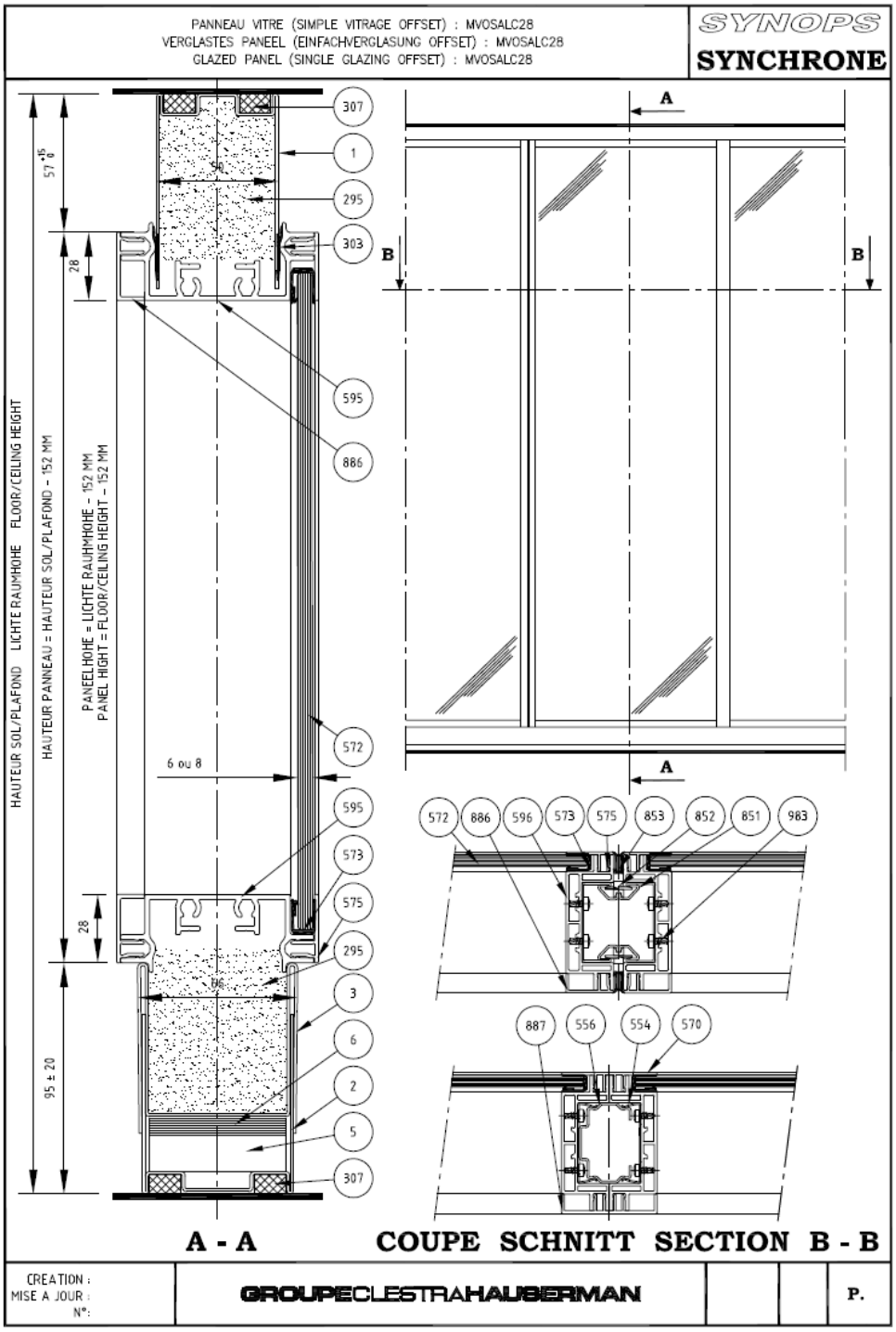
PARTITION KITS	**ANNEX 10 (30/50) of ETA-05/0040**
Drawings	



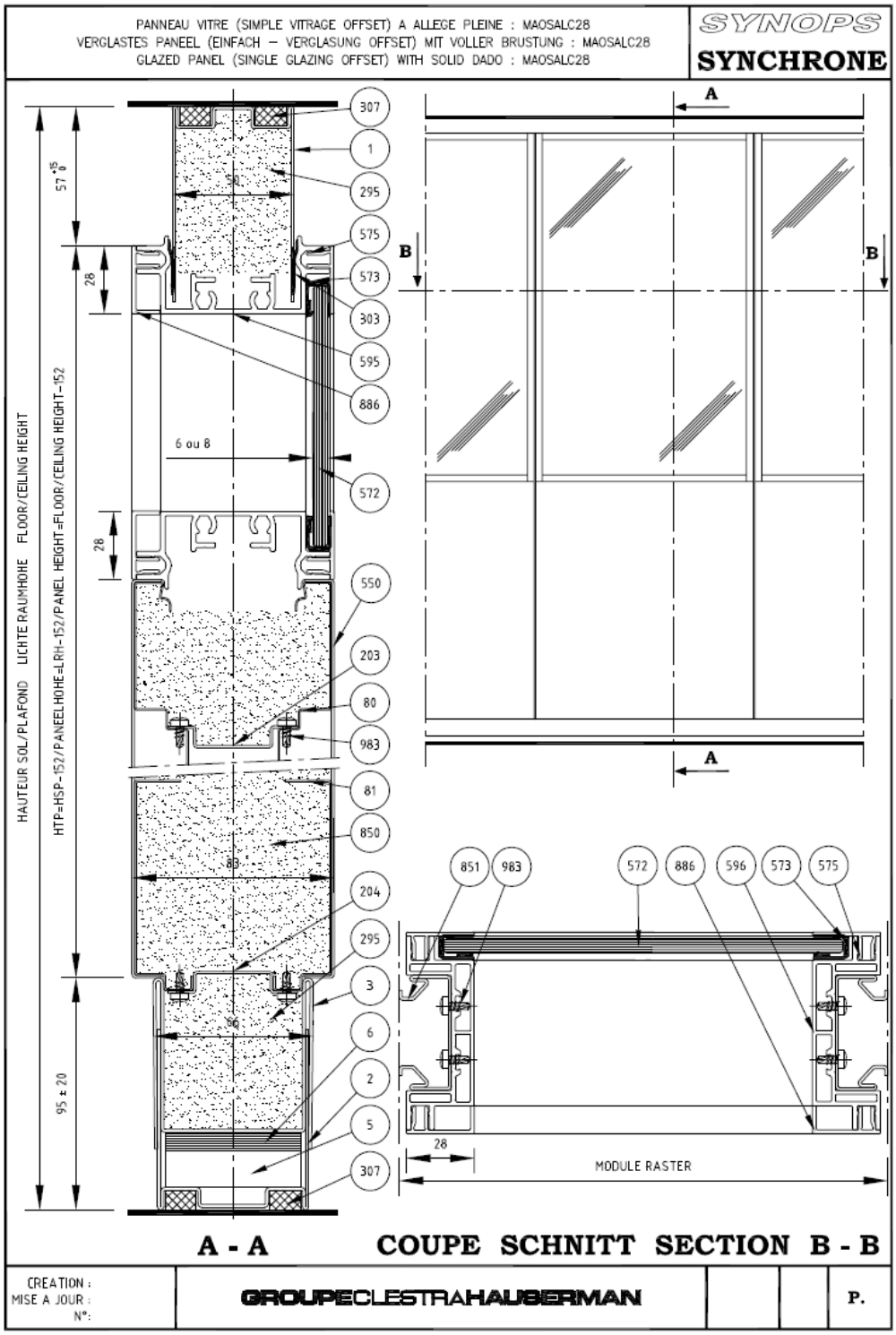
PARTITION KITS	**ANNEX 10 (31/50) of ETA-05/0040**
Drawings	



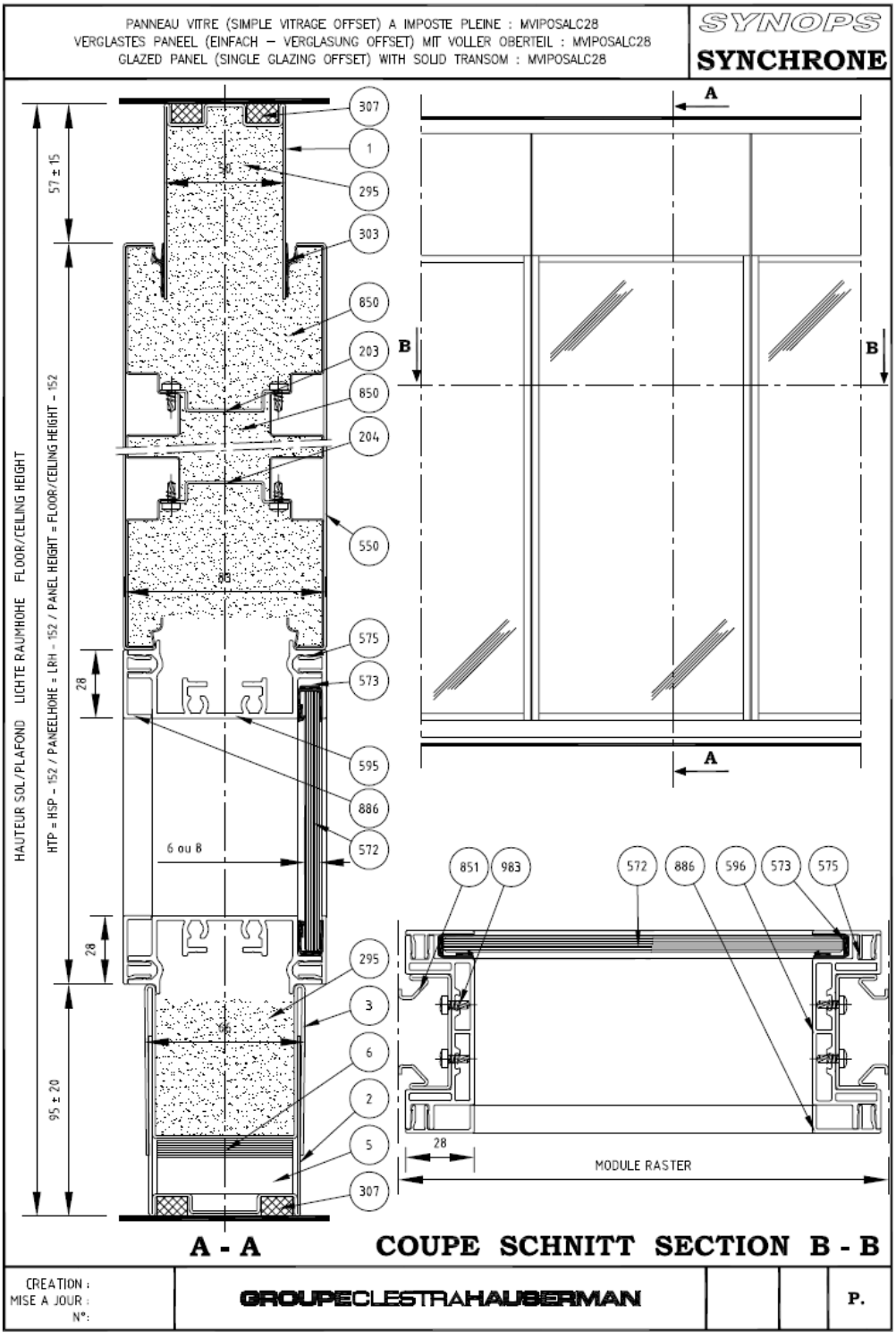
PARTITION KITS	**ANNEX 10 (32/50) of ETA-05/0040**
Drawings	



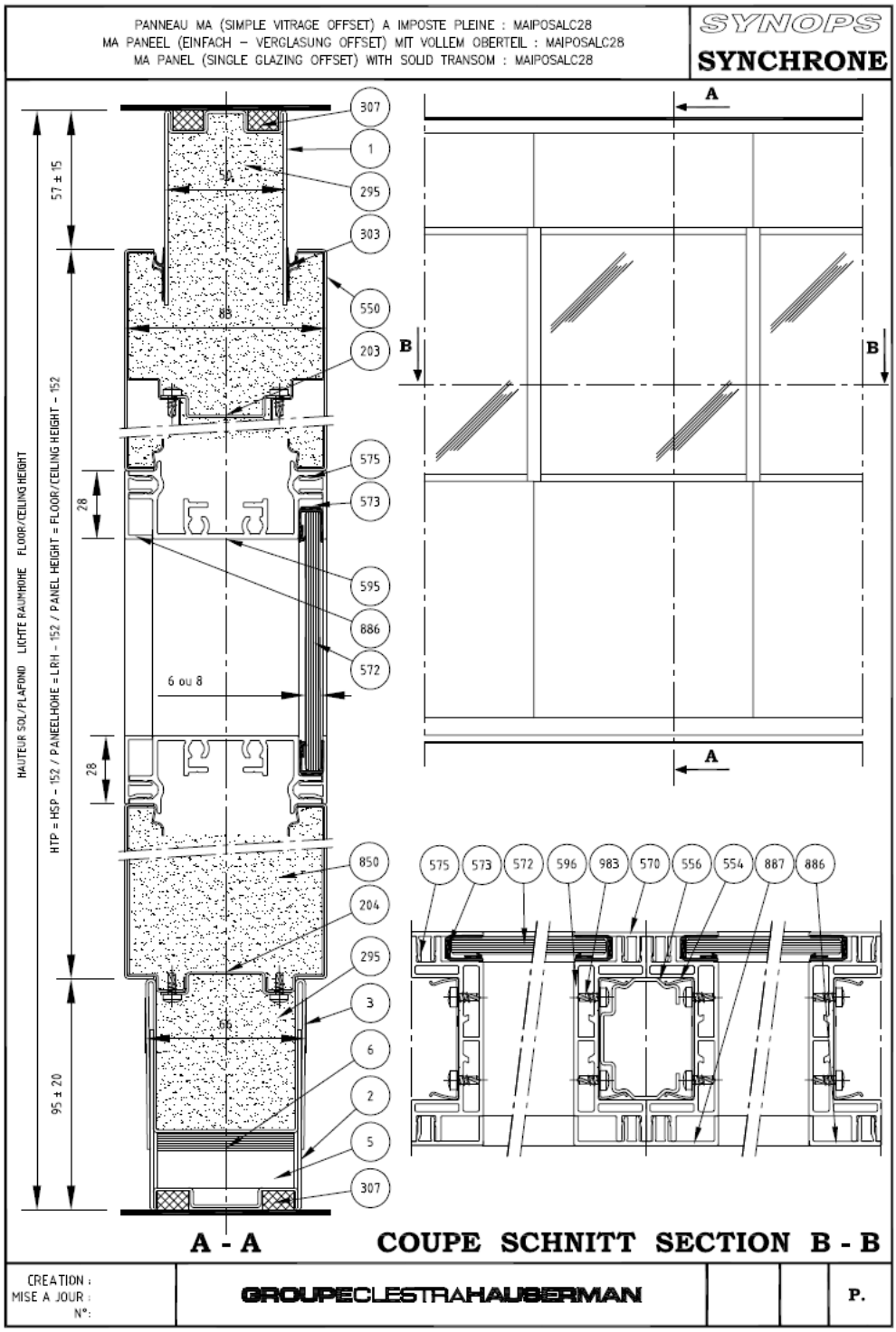
PARTITION KITS	**ANNEX 10 (33/50) of ETA-05/0040**
Drawings	



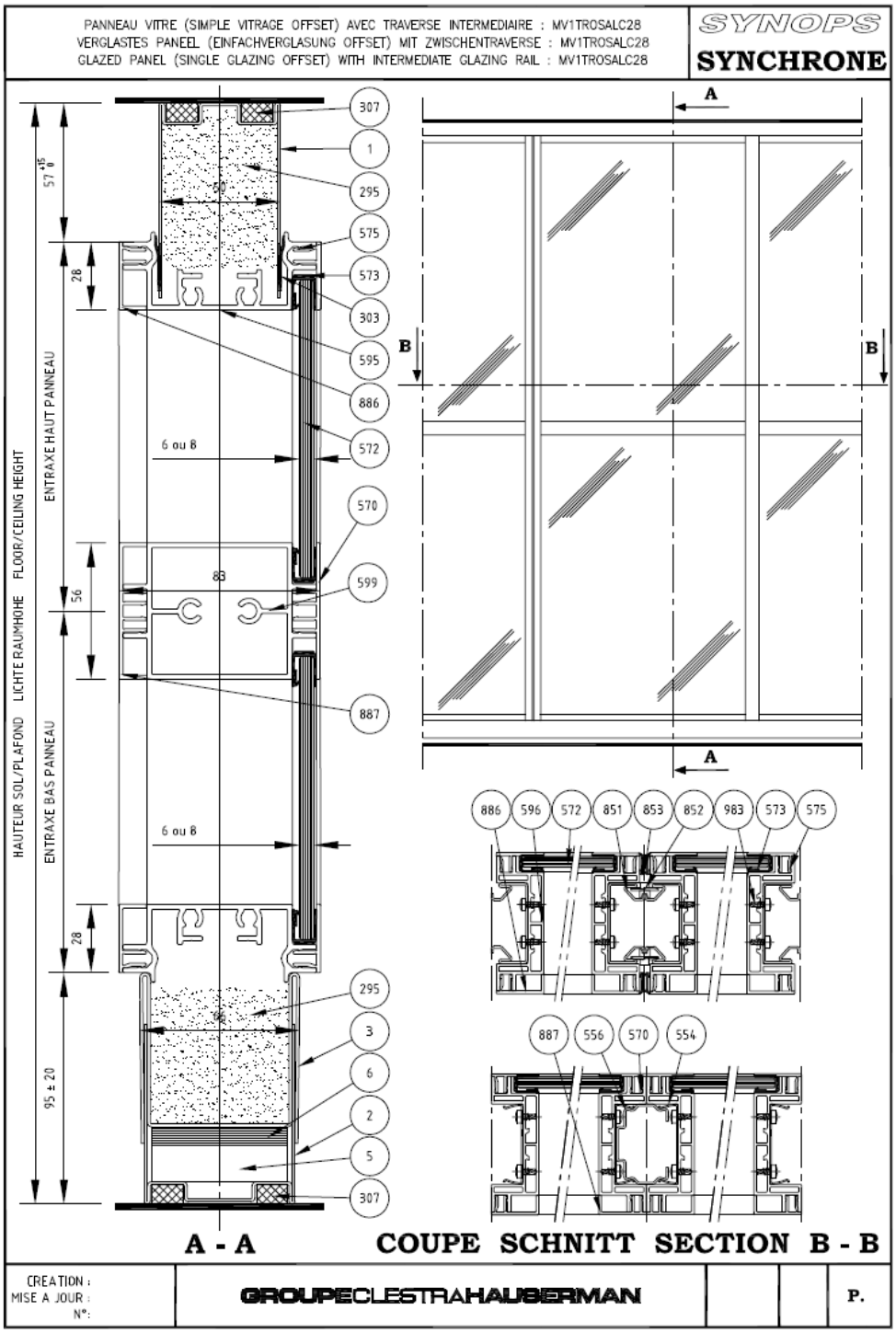
PARTITION KITS	**ANNEX 10 (34/50) of ETA-05/0040**
Drawings	



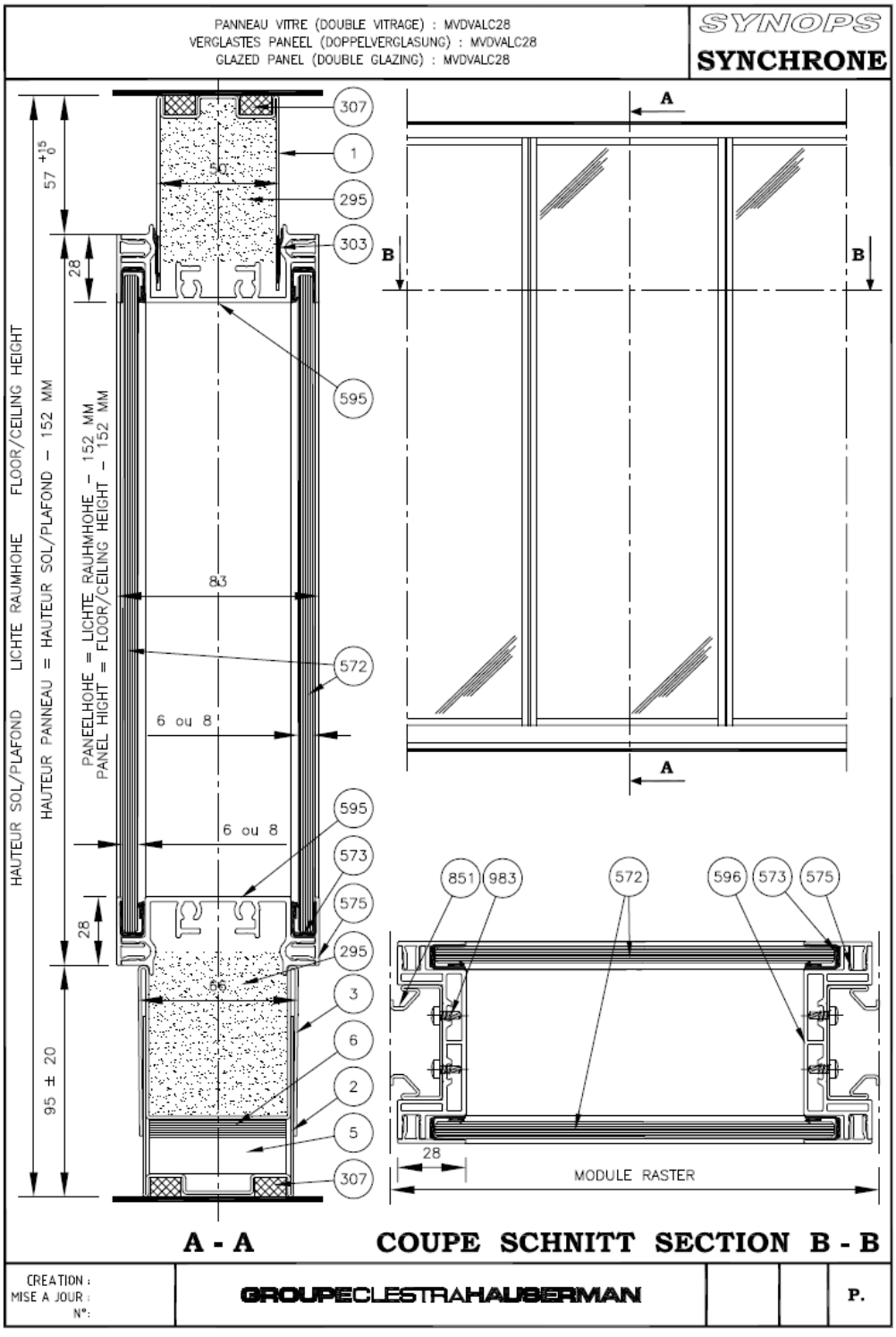
PARTITION KITS	**ANNEX 10 (35/50) of ETA-05/0040**
Drawings	



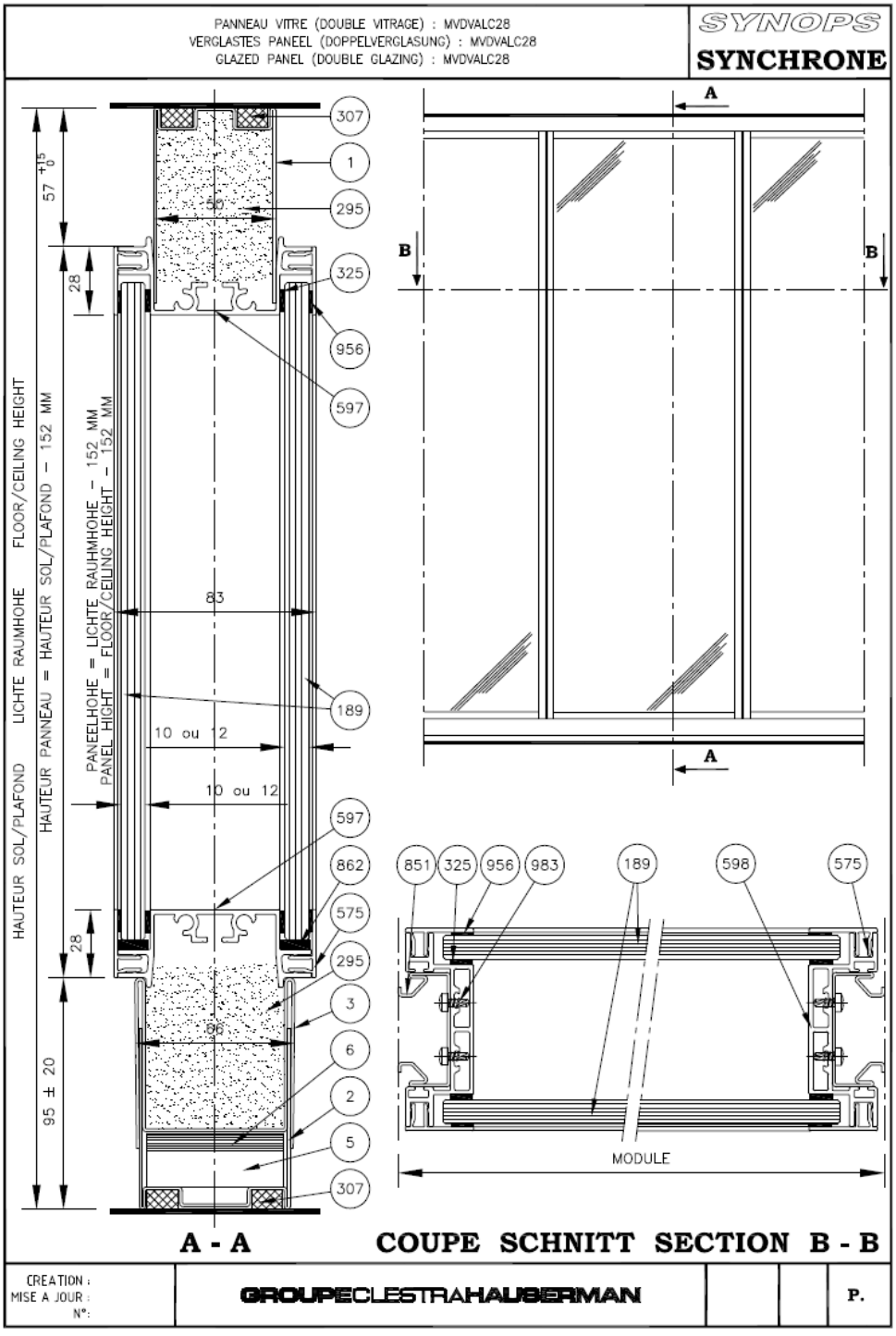
PARTITION KITS	**ANNEX 10 (36/50) of ETA-05/0040**
Drawings	



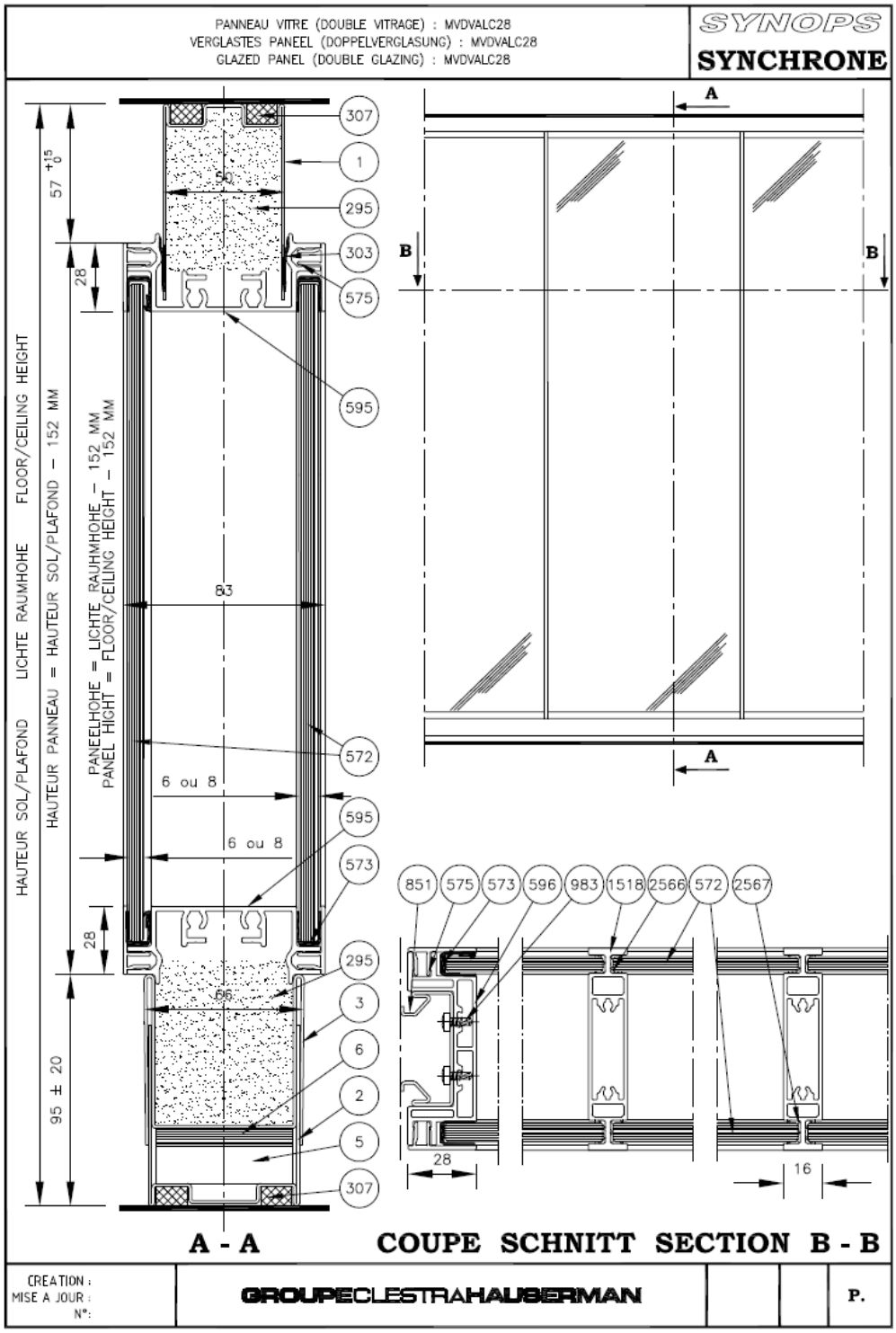
PARTITION KITS	**ANNEX 10 (37/50) of ETA-05/0040**
Drawings	



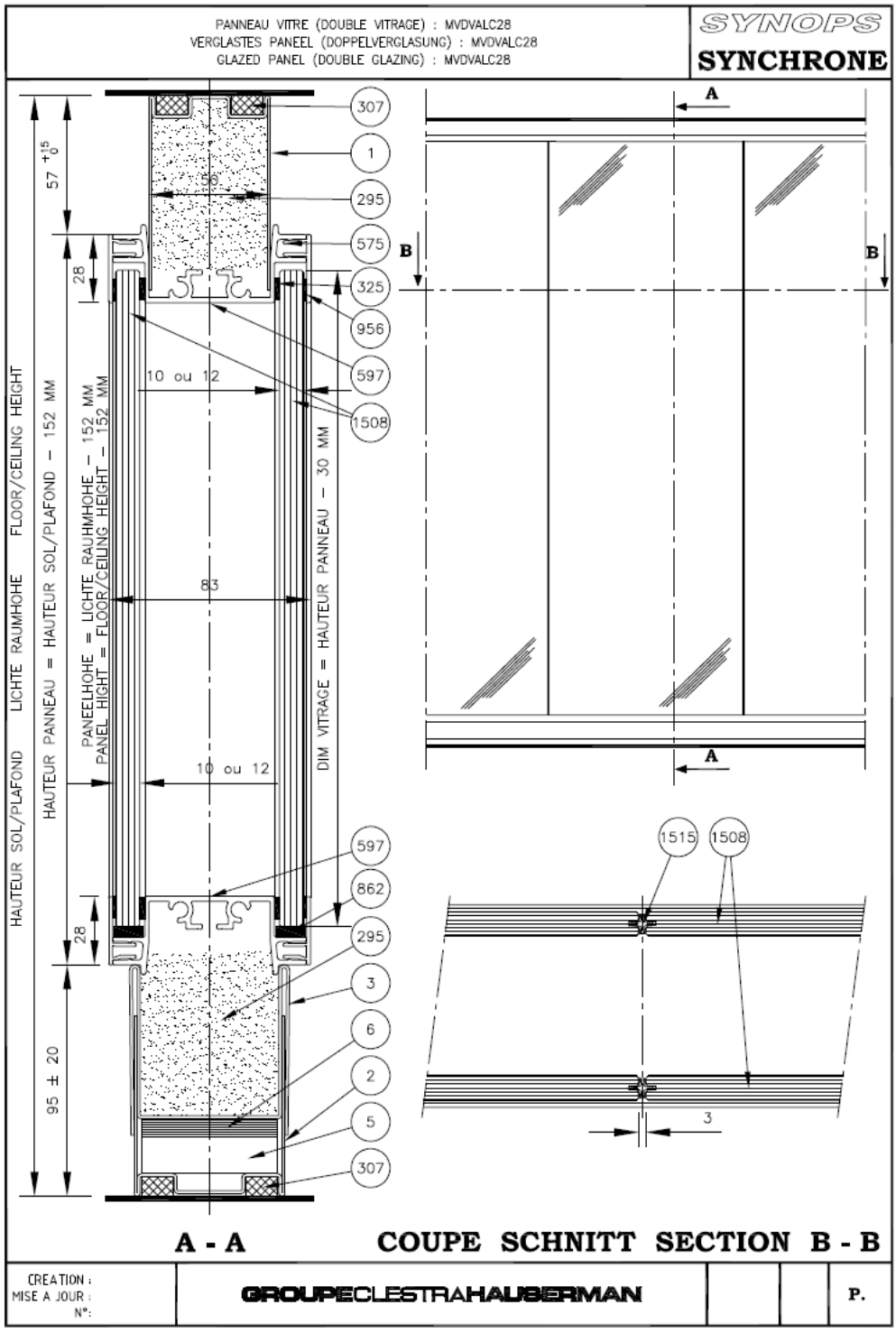
PARTITION KITS	**ANNEX 10 (38/50) of ETA-05/0040**
Drawings	



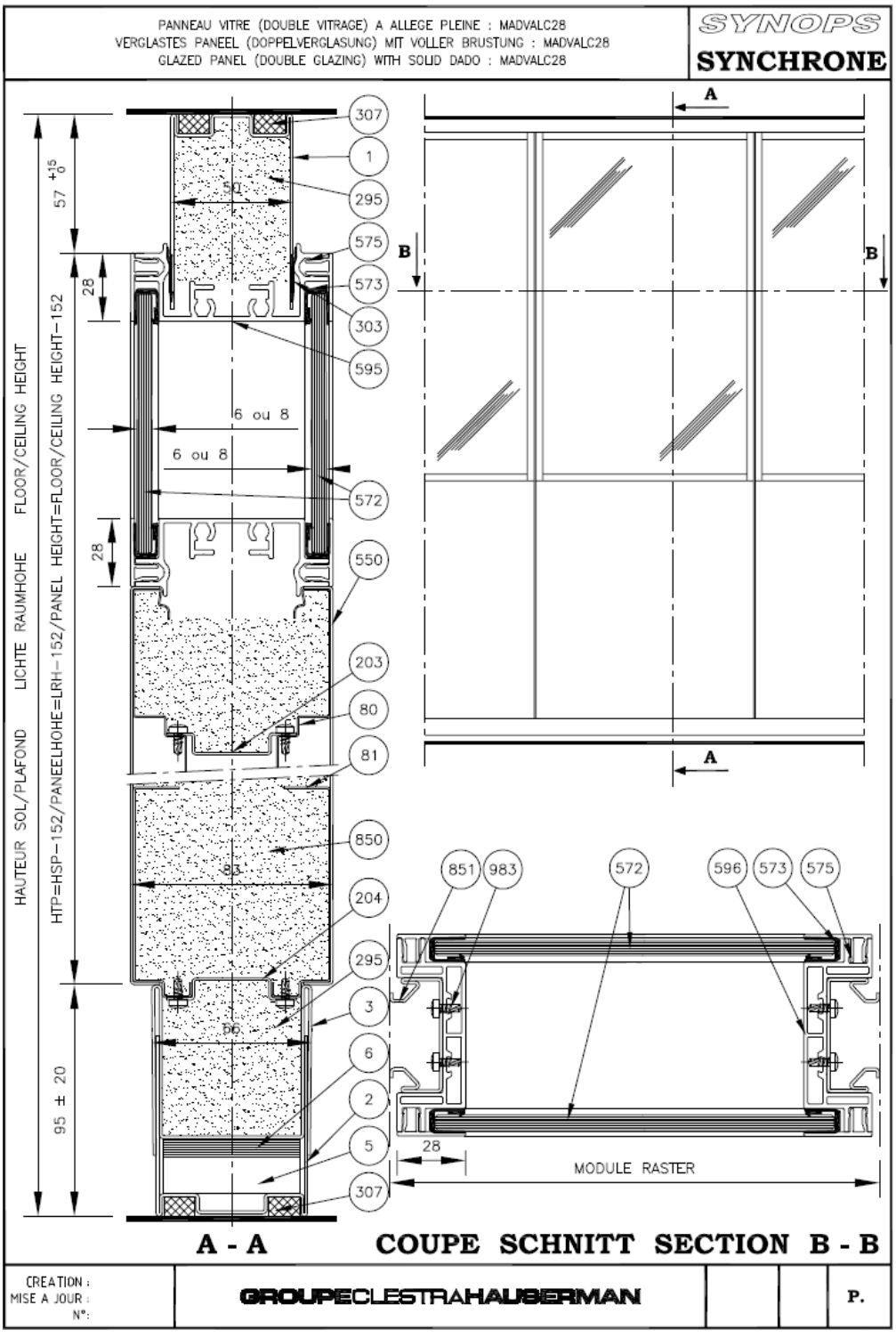
PARTITION KITS	**ANNEX 10 (39/50) of ETA-05/0040**
Drawings	



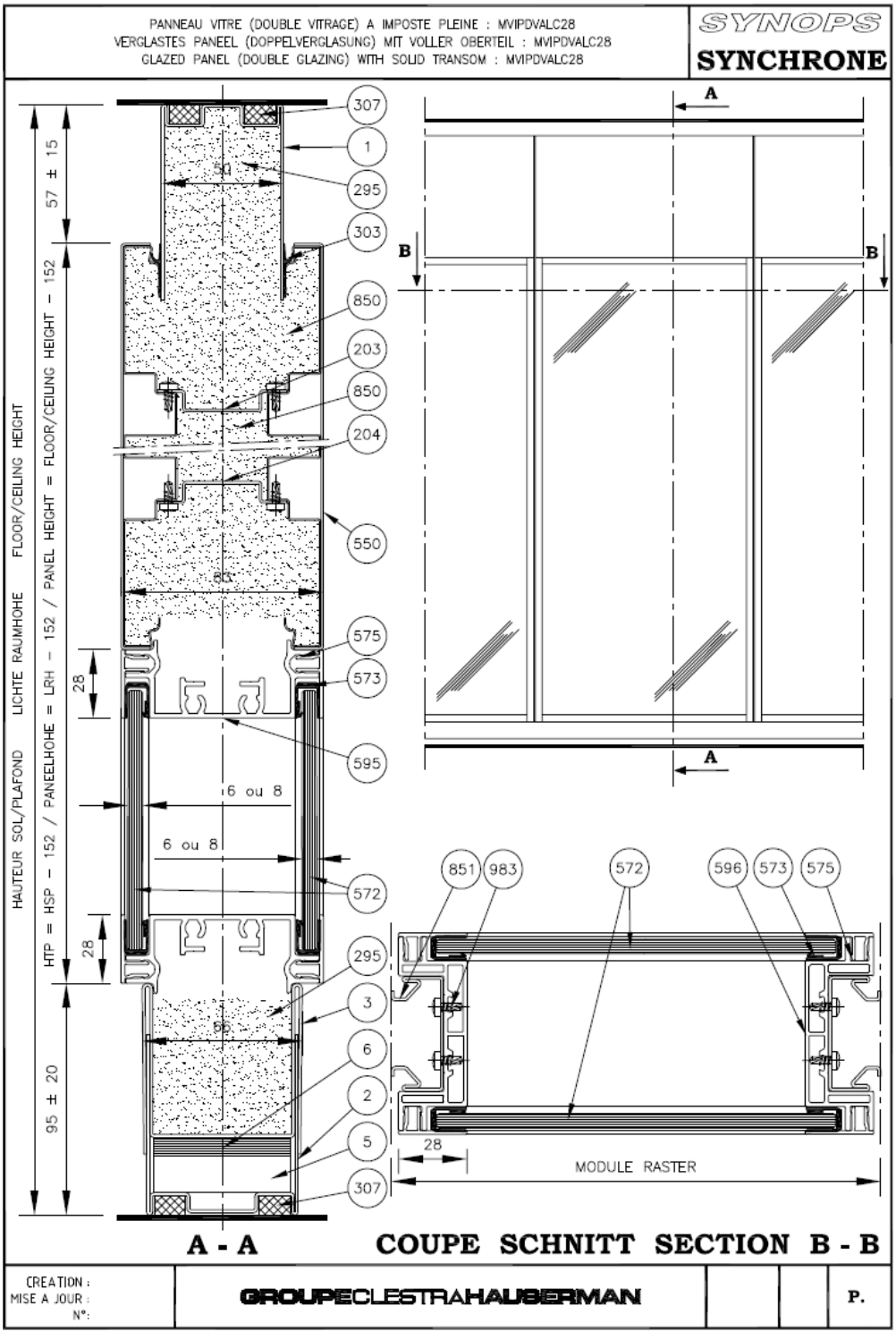
PARTITION KITS	**ANNEX 10 (40/50) of ETA-05/0040**
Drawings	



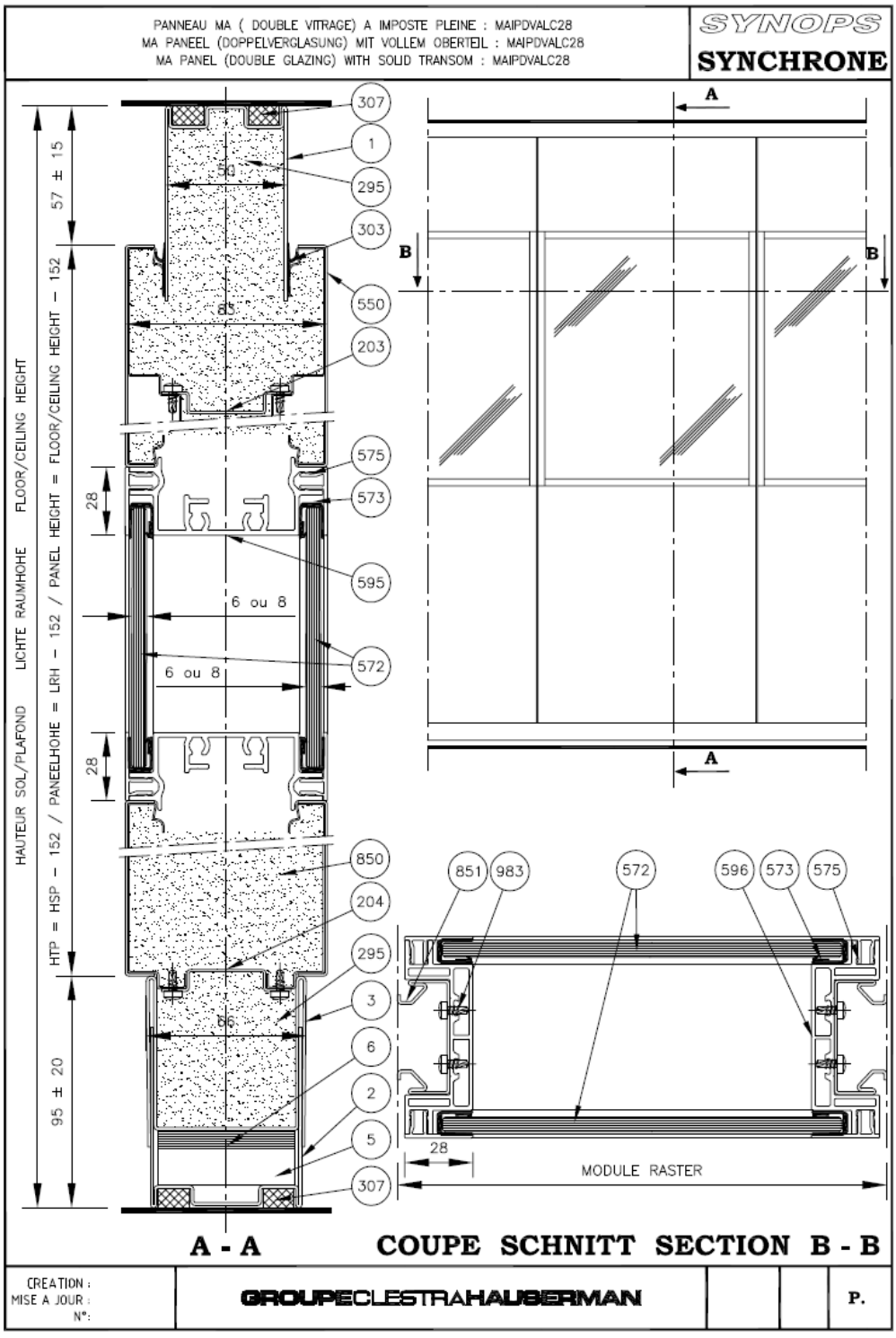
PARTITION KITS	**ANNEX 10 (41/50) of ETA-05/0040**
Drawings	



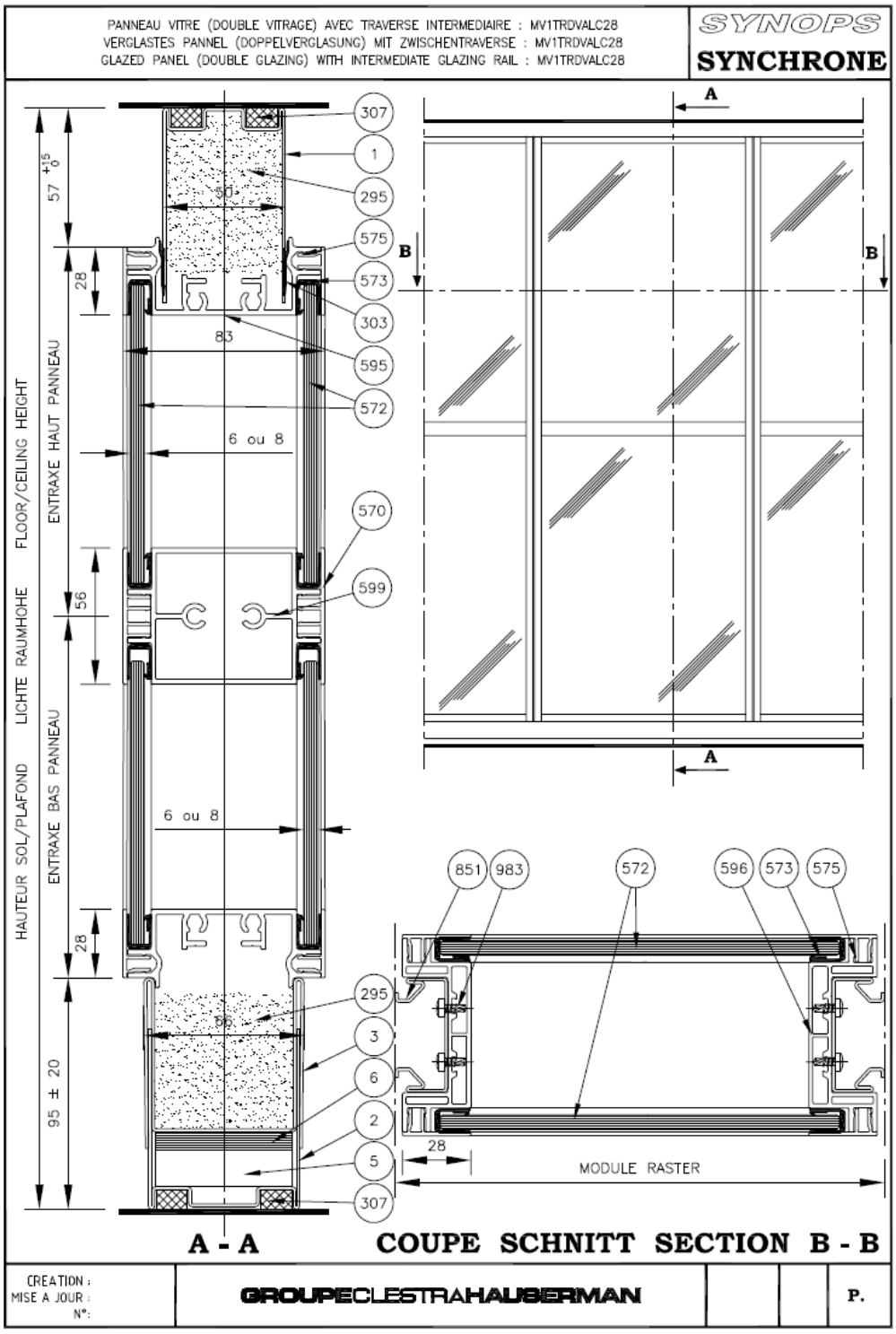
PARTITION KITS	**ANNEX 10 (42/50) of ETA-05/0040**
Drawings	



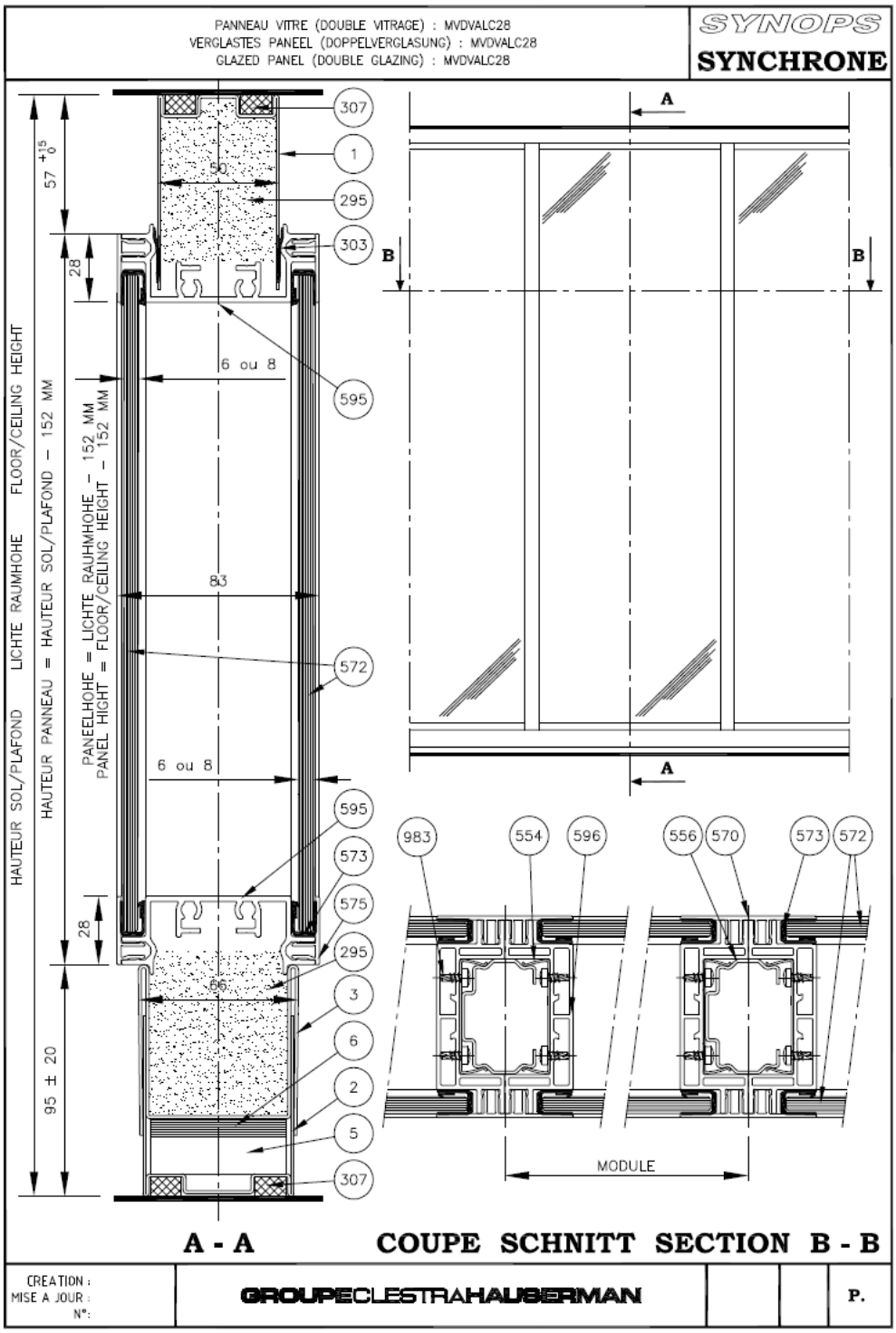
PARTITION KITS	**ANNEX 10 (43/50) of ETA-05/0040**
Drawings	



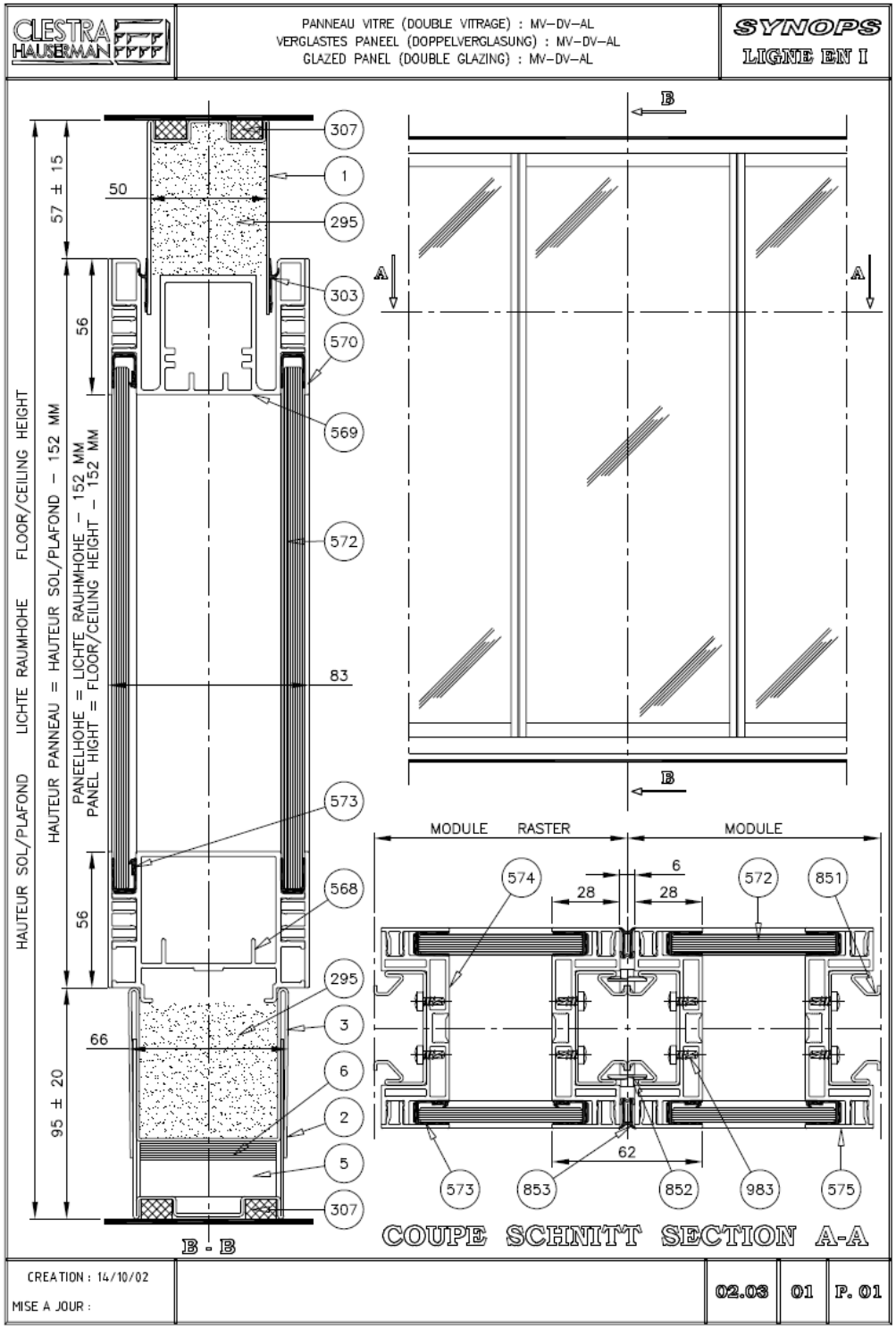
PARTITION KITS	**ANNEX 10 (44/50) of ETA-05/0040**
Drawings	



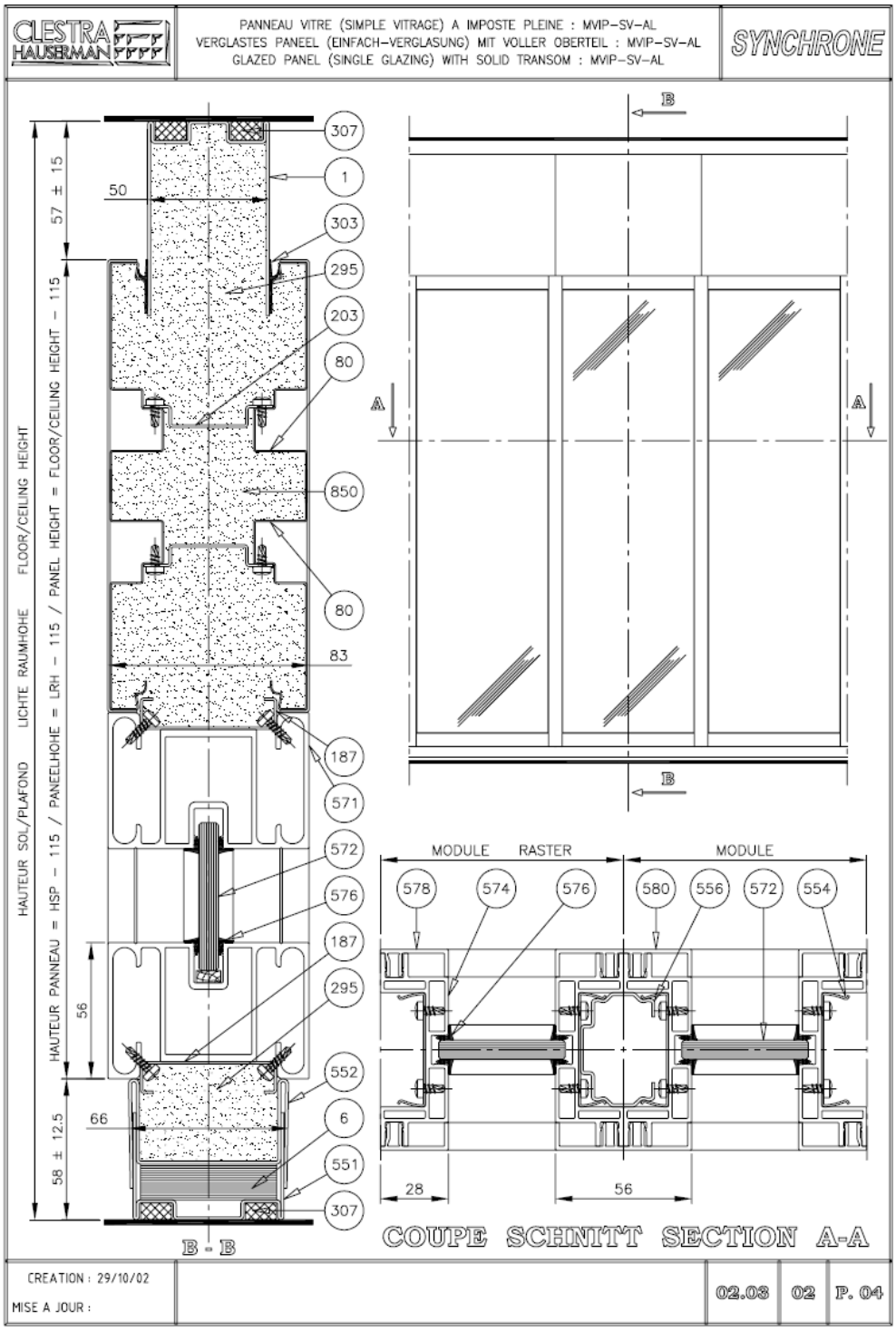
PARTITION KITS	**ANNEX 10 (45/50) of ETA-05/0040**
Drawings	



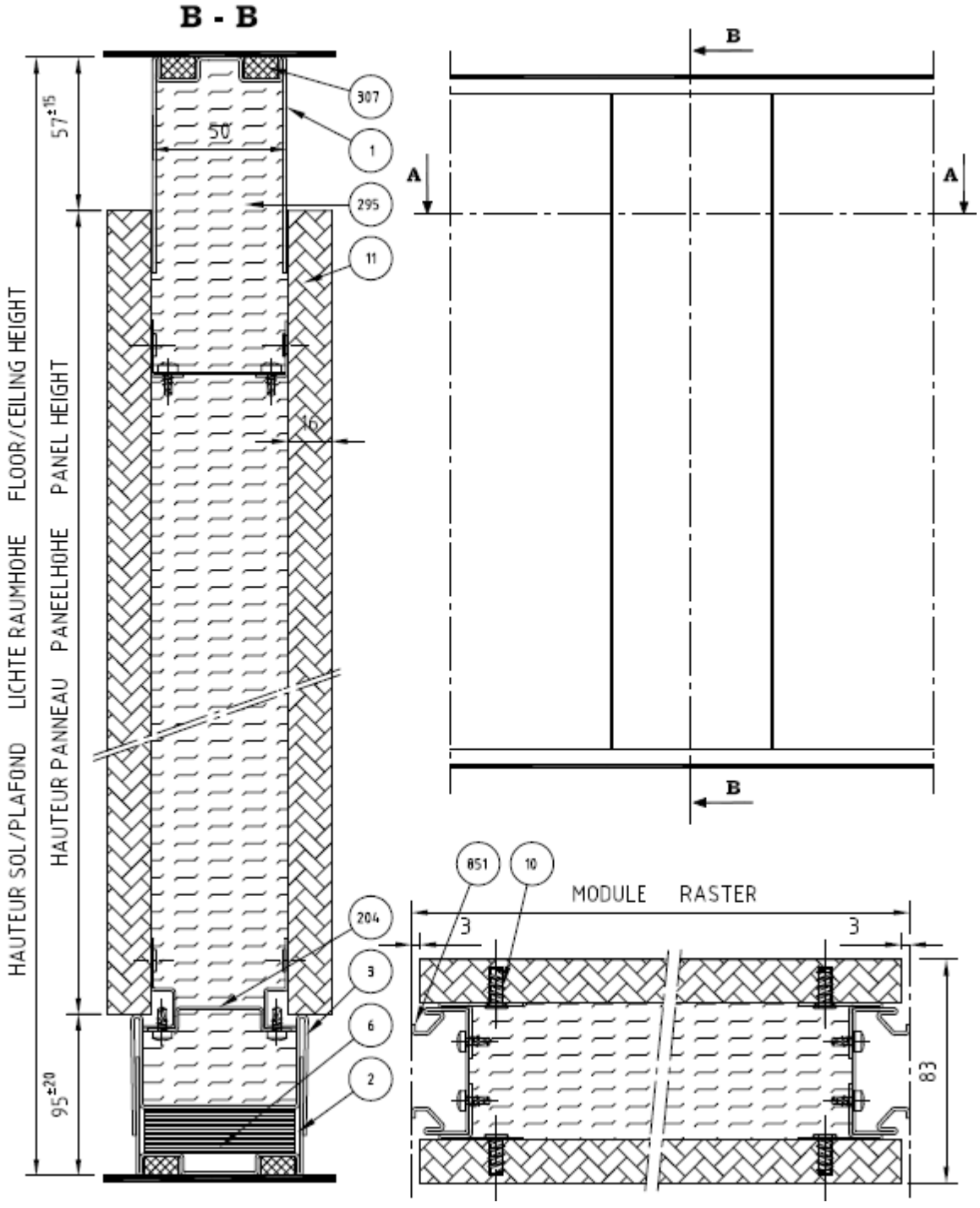
PARTITION KITS	**ANNEX 10 (46/50) of ETA-05/0040**
Drawings	



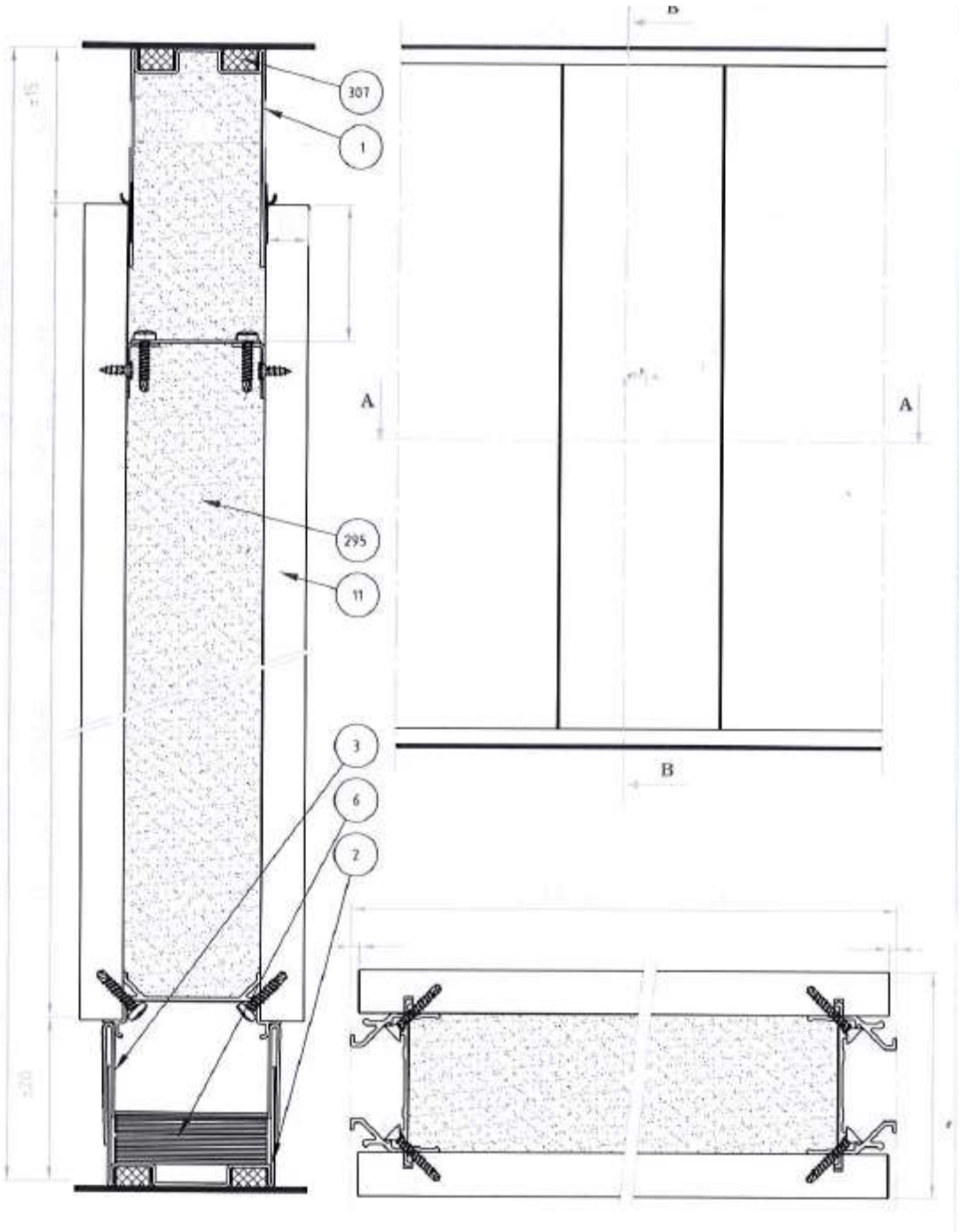
PARTITION KITS	**ANNEX 10 (47/50) of ETA-05/0040**
Drawings	



PARTITION KITS	**ANNEX 10 (48/50) of ETA-05/0040**
Drawings	



PARTITION KITS	**ANNEX 10 (49/50) de l'ETA-05/0040**
Drawings	



PARTITION KITS	**ANNEX 10 (50/50) de l'ETA-05/0040**
Drawings	