

# CSTB

*le futur en construction*

84, avenue Jean-Jaurès

Champs-sur-Marne

FR-77447 Marne-la-Vallée Cedex 2

Tél. : + 33 (0)1 64 68 82 82

Fax : + 33 (0)1 60 05 70 37

E-mail : [etics@cstb.fr](mailto:etics@cstb.fr)

Site internet : [www.cstb.fr](http://www.cstb.fr)



Member of  
[www.eota.eu](http://www.eota.eu)

## European Technical Assessment

**ETA-23/0142**  
**of 29.03.2024**

### General Part

**Technical Assessment Body issuing the European Technical Assessment:**  
CSTB (Centre Scientifique et Technique du Bâtiment)

**Trade name of the construction product**

HOYEZ H5

**Product family to which the construction product belongs**

Internal partition kits for use as non-loadbearing walls

**Manufacturer**

HOYEZ SAS  
121 Rue du Noir Debout 59242 Cappelle-En-Pevelle  
FRANCE

**Manufacturing plant(s)**

HOYEZ SAS  
121 Rue du Noir Debout 59242 Cappelle-En-Pevelle  
FRANCE

**This European Technical Assessment contains**

22 pages including 16 Annexes which form an integral part of this assessment

Annexes contains confidential information and is/are not included in the European Technical Assessment when that assessment is publicly disseminated

**This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of**

EAD 210005-00-0505

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

Communication of this European Technical Assessment, including transmission by electronic means, shall be in full (excepted the confidential Annex(es) referred to above). However, partial reproduction may be made, with the written consent of the issuing Technical Assessment Body. Any partial reproduction has to be identified as such.

## Specific parts

### 1. Technical description of the product (Annex 4)

The HOYEZ partitions with the commercial reference H5 are composed of panels with a thickness of 60 mm and a non-limited length. These panels can either be solid, full-height glazed, or glazed at the sill.

#### **Solid Panels:**

- BF13 plasterboard sheets with a vinyl-coated surface, having a density of 9.70 kg/m<sup>2</sup>.
- A 45 mm thick glass wool panel.
- H5640 smooth, crossbars, uprights with the reference H5635 and PVC H5P03 glazing bead.

#### **Full-height glazed panels:**

- Clear glazing 2 x 33.2 with PVC HDV40 interlayer.
- H5640 smooth, crossbars, and uprights with the reference H5635, PVC H5P03 glazing bead.

#### **Glazed Panels at the Sill:**

- BF13 plasterboard sheets with a vinyl-coated surface, having a density of 9.70 kg/m<sup>2</sup>.
- A 45 mm thick glass wool panel with 33.2 clear glazing.
- H5640 smooth, crossbars, and uprights with the reference H5635, PVC H5P03 glazing bead HDV40.

Different versions are detailed in Annex 8 for solid panels and in the annex 9 for glazed panels.

One of the partitions is equipped with a door unit (see annexes 6 and 7) with dimensions of 830x2040 mm, a thickness of 40 mm, a density of 400 kg/m<sup>3</sup>, and a mass of 32.30 kg. The door unit consists of H5640 smooth, crossbars, and uprights with the reference H5635, as well as a PVC H5P03 glazing bead.

For accessories, a 12x12 mm adhesive foam seal with reference JV1212 and an eccentric spring H5R60 are used. Refer to annexes 10, 11, 12 and 13 for profiles and equipment used for different partitions.

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

The partition kits are intended to be used as removable and demountable partitioning system for separating spaces and providing acoustic attenuation between two enclosed areas with an average air temperature range from 5°C to 35°C with a minimum of 0°C and a maximum of 50°C and an average relative daily humidity range from 20% RH to 75% RH. Maximum air relative humidity only exceeding 85% for short periods of time.

The principles of this European Technical Assessment are based on an assumed service life of 25 years for partition kits. The assumed service life of a system cannot be considered as a manufacturer's guarantee but rather as a means of selecting a product suitable for the

economically reasonable expected service life of a construction project. This cannot be understood as a guarantee given by manufacturer or CSTB.

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

The assessment of the suitability for the intended use of internal partitions in relation to the requirements of fire safety, hygiene, health, environment, safety in use, energy saving and thermal insulation, within the meaning of the Fundamental Requirements for the Construction Works (hereinafter referred to as BWR) 2, 3, 4, 5 and 6, has been carried out in accordance with EAD 210005-00-0505.

<b>BWR</b>	<b>EAD paragraph on product performance to be assessed</b>	<b>Class Use category Numeric value</b>
2	§ 2.2.1 Reaction to fire § 2.2.2 Resistance to fire	No performance assessed No performance assessed
3	§ 2.2.3 Content, emission and/or release of dangerous substances § 2.2.4 water vapour permeability	No dangerous materials declared by the holder No performance assessed
4	§ 2.2.5 sill height	The sill height is 1,0 m
	§ 2.2.6 Resistance to damage and functional failure from horizontal loads	Use category III
	§ 2.2.7 Resistance to damage and functional failure from eccentric vertical loads	No performance assessed
	§ 2.2.8 Resistance to horizontal linear static loads	50 daN/m - deformation under load : 8.4 mm
	§ 2.2.9 Resistance to functional failure from point loads parallel or perpendicular to the surface	No performance assessed
	§ 2.2.11 Safety against personal injury by contact	No sharp and cutting edges No risk of abrasion or cutting people by nature of surfaces
	§ 2.2.10 Rigidity of partitions to be used as a substrate for ceramic tiling	No performance assessed
	§ 2.2.12 Resistance to deterioration caused by: – physical agents – chemical agents – biological agents	No performance assessed
5	§ 2.2.13 Airborne sound insulation	See Annex 5
	§ 2.2.14 Sound absorption	No performance assessed
6	§ 2.2.15 Thermal resistance	No performance assessed
	§ 2.2.16 Thermal inertia	No performance assessed

### **3.1 Safety in case of fire (BWR 2)**

Reaction to fire: No performance assessed.

### **3.2 Hygiene, health and environment (BWR 3)**

#### Dangerous substances:

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

According to the manufacturer, modular element does not contain those harmful or dangerous substances listed in EOTA TR 34.

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

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

No dangerous materials declared by the manufacturer.

### **3.3 Safety and accessibility in use (BWR 4)**

#### 3.3.1 Sill height

The sill height was assessed in accordance with clause 2.2.5 of EAD 210005-00-0505.

The sill height of HOYEZ H5 partitions is 1,0 m.

#### 3.3.2 Resistance to damage and functional failure from horizontal loads

The resistance to damage and functional failure from horizontal loads was assessed in accordance with clause 2.2.6 of EAD 210005-00-0505.

Use category III according to Annex B of EAD 210005-00-0505.

#### 3.3.3 Resistance to horizontal linear static loads

The resistance to horizontal linear static loads was assessed in accordance with clause 2.2.8 of EAD 210005-00-0505.

Result : 50 daN/m - deformation under load is 8.4 mm.

#### 3.3.4 Safety against personal injuries by contact

No sharp and cutting edges, no risk of abrasion or cutting people by nature of surfaces.

### **3.4 Protection against noise (BWR 5)**

The airborne sound insulation was assessed in accordance with clause 2.2.13 of EAD 210005-00-0505 with reference to NF EN ISO 10140-2 and NF EN ISO 717-1 and the results are given in annex 5.

### **3.5 Energy and heat retention (BWR 6)**

No performance assessed.

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

According to Decision 98/213/EC of the European Commission amended by Decision 2001/596/EC of the European Commission (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
<b>Partitions kits with :</b>  With Euroclasses A1*, A2*, B* or C* concerning reaction to fire, and for materials for which a clearly identifiable stage in the production process results in an improvement of the reaction to fire classification	1
<b>Partitions kits with :</b>  - With Euroclasses A1**, A2**, B**, C**, D, E concerning reaction to fire, and for materials not covered by system 1.  - With any fire resistance class.  - For uses subject to regulations on dangerous substances.  - With safety in use category IV.	3
<b>Other partitions, including partitions with reaction to fire classes A1*** (without testing according to EC Decision 96/603/EC) to E*** and F:</b>  * 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 2000/605/EC, do not require to be tested for reaction to fire.	4

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 Champs-sur-Marne on 29/03/2024

By Aurélie BAREILLE  
Head of "Certification and Assessment"  
Division "Building Envelope" Direction



Annexes

<p><b>Responsabilities</b></p> <p><b>1. Tasks of the manufacturer</b></p> <p><b>1.1 Factory production control</b></p> <p>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.</p> <p>The quality control on the components includes checks on dimensions, material quality.</p> <p>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 gypsum boards, the wood particleboard, the insulation material, the aluminum profile, the glass, and also on the control plan, which includes type and frequencies of the control.</p> <p><b>1.2 Initial type-testing of the product</b></p> <p>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.</p> <p><b>2. CE marking</b></p> <p>The CE marking shall be affixed to the packaging and accompanying commercial document.</p> <p>The symbol “CE” shall be accompanied by the following information:</p> <ul style="list-style-type: none"><li>- Identification number of the notified body.</li><li>- Name of the product: Hoyez partition H5.</li><li>- Name or identifying mark of the producer and manufacturing plant: HOYEZ SAS.</li><li>- The two last digits of the year in which the CE-marking was affixed.</li><li>- Number of the EC certificate of conformity.</li><li>- Number of the European Technical Approval: ETA-23/0142, and identifications to identify the characteristics of the partition kit and the characteristics where the “no performance assessed” approach is used.</li></ul>	
<b>PARTITION KIT</b>	<b>ANNEX 1 (1/1)</b> <b>of the ETA-23/0142</b>
<b>Tasks and responsibilities</b>	

## **Manufacturing**

All profiles, fixing and gaskets are be manufactured by HOYEZ.

## **Installation**

The main operations to be carried out are :

- Tracing.
- Installation of top and bottom rails.
- Installation of infills.
- Installation of clips.
- Installation of glazing beads.

Installation details are given by HOYEZ in the manufacturers installation guide.

<b>PARTITION KIT</b>	
<b>Assumptions under which the fitness of the product for the intended use was favourably assessed</b>	<b>ANNEX 2 (1/1) of the ETA-23/0142</b>

## 1. Recommendations for packaging, transport, and storage

### Packaging

HOYEZ ensures the packaging

### Transport

HOYEZ ensures the transport or let the purchaser to ensure the transport himself.

### Storage

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 ETA guide, namely in particular:

- An average air temperature in the range from 5°C to 35°C with a minimum of 0°C 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 KIT	
Recommendations	ANNEX 3 (1/2) of the ETA-23/0142



## 2. Recommendations for uses, maintenance and repair

### Maintenance

The ETA Holder recommends cleaning the partition according to the following specifications:

- Under the normal conditions, it is enough, for the maintenance in a state of cleanliness of the interior elements, periodically to wipe them by means of a clean rag.
- The partitions which were not cleaned during a prolonged lapse of time can be cleaned with soapy water, and then rinsed with cold water. One finishes by a cleaning with a soft rag. The use of water and neutral liquid detergents is allowed.
- Do never use grittings, liquid or powders some, usually for copper or unwrought aluminium.
- The coating aluminum surfaces are simply washed with the water added with 1% of Teepol and are rinsed with clear water (minimum once/year).

### Repair

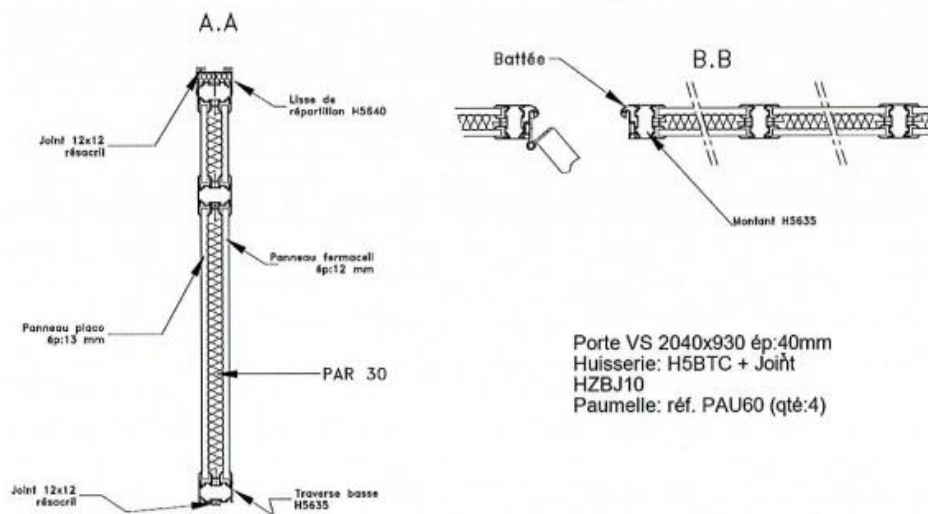
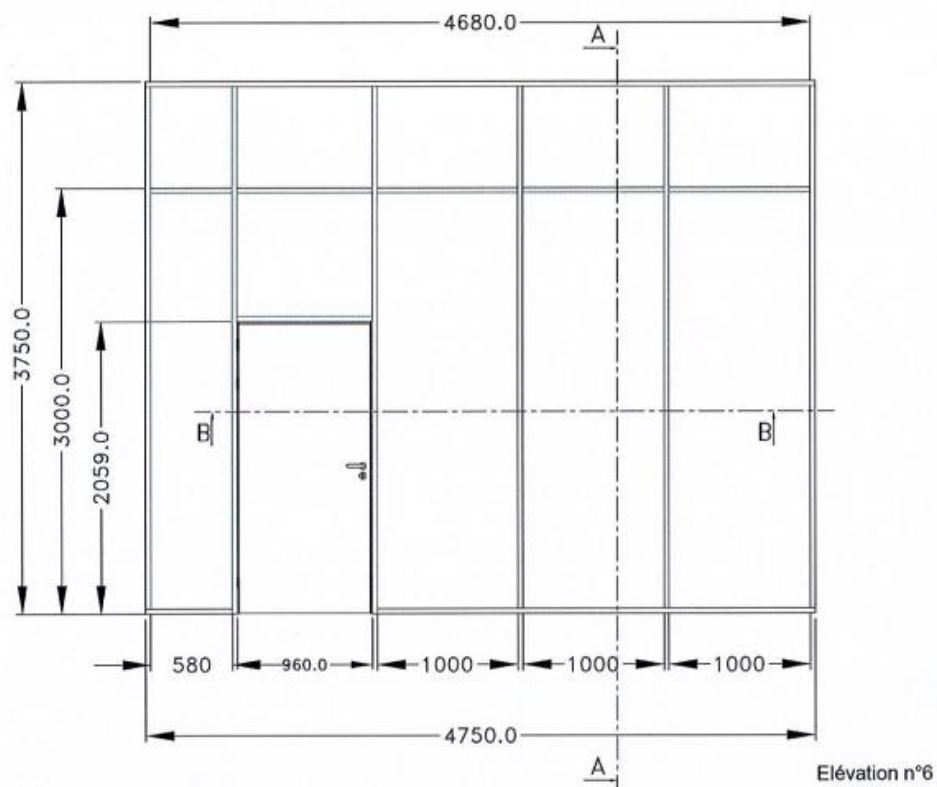
The network of fitter can intervene on achievements to modify or maintain our products.

To get more information, please contact HOYEZ

PARTITION KIT	ANNEX 3 (2/2) of the ETA-23/0142
Recommendations	

Module	Composition	Description
Product	wall type	framed wall
	Commercial reference	H5
	Thickness	60mm
	length	not limited length
	Height for removability tests	2.50 m
	Height for impact testing	3.75 m
Solid panels	BF13 plasterboard	Vinyl-coated siding density 9.70 kg/m <sup>2</sup>
	Glass wool panel	45 mm
	Smooth	H5640
	crossbars	H5635
	upright	H5635
	PVC bead	H5P03
Glazed panels on sill	BF13 plasterboard	Vinyl-coated siding density 9.70 kg/m <sup>2</sup>
	Glass wool panel	45 mm
	smooth	H5640
	crossbars	H5635
	upright	H5635
	PVC glazing bead	H5P03
	glazing cap	HDV40
	Glass	Clear 33.2
Door block	smooth	H5640
	crossbars	H5635
	upright	H5635
	PVC glazing bead	H5P03
	Door block	size ht 830x2040 mm thickness 40 mm density 400 kg/m <sup>3</sup> weight 32,30 kg Hardware: 3 hinges PAU60 Frame profile: H5BTC Frame gasket: HZBJ10 Double stand
Accessories	Adhesive foam gasket	12x12 m JV1212+JV39
	Eccentric spring	H5R60
Technical description of the product and accessories		ANNEX 4 (1/1) of the ETA-23/0142

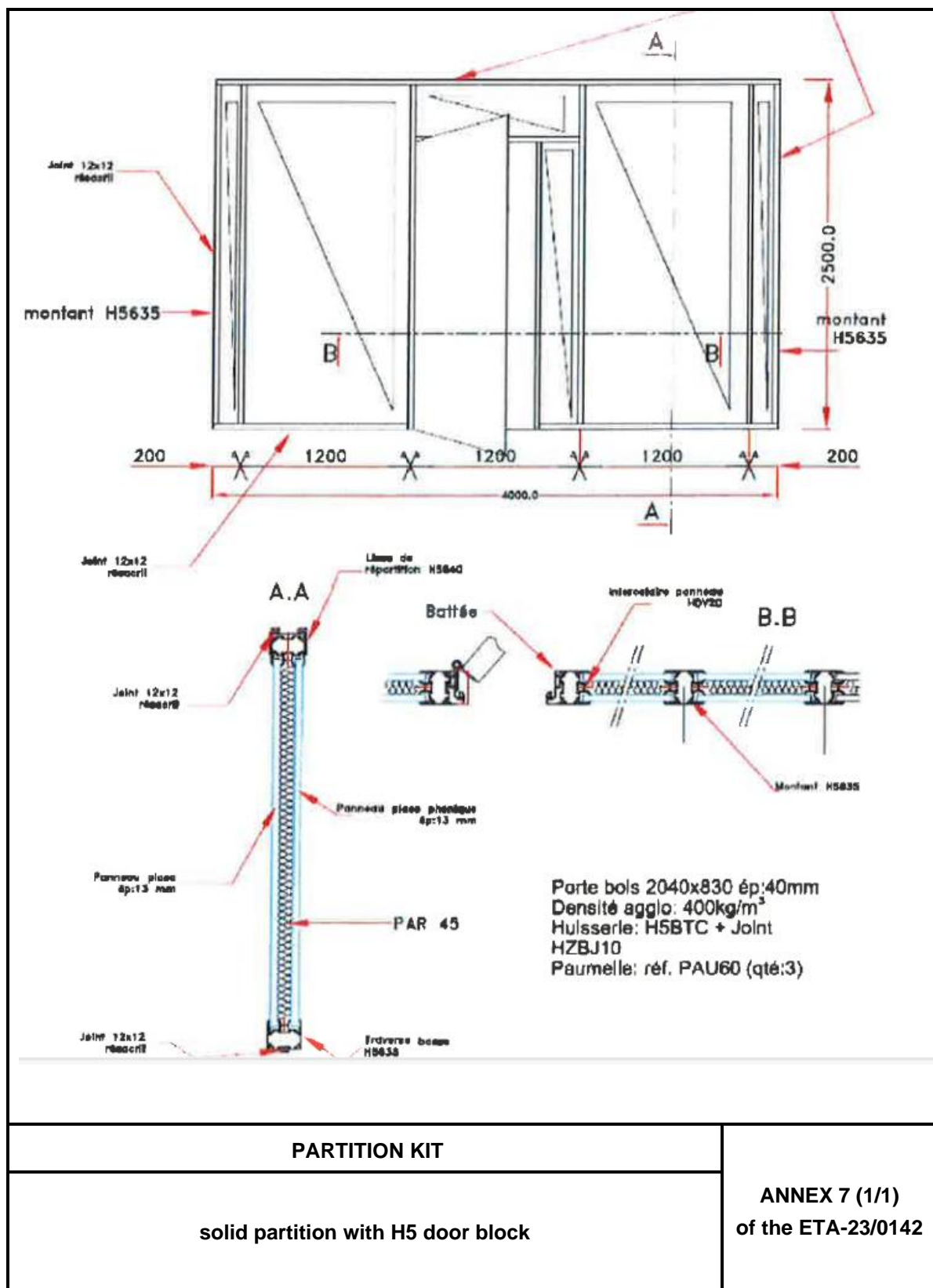
<u>Characteristic</u>	<u>N° Report</u>	<u>R<sub>w</sub> (dB)</u>
Full acoustic plaster + standard plaster partition	BEB2.F.6017-2	43 (-3;-8)
Solid partition with block-door H5	BEB2.F.6017-3	32 (-1;-2)
Full-height glass partition	BEB2.F.6017-1	39 (-1;-4)
H5 solid partition with 1 BF13 face, 1 fermacell 12 mm face and 30 mm glass wool filling	BEB2.J.6083-1	43 (-2;-7)
Full-height glazed partition H5, glazing 33.2 + 33.2	BEB2.N.6057-1	40 (-2 ; -5)
H5 full-height glazed partition, 44.2 and 5 mm glazing	BPI2.7.6106 / n° 11	41 (-2 ; -6)
H5 solid partition, one side BF13, one side Fermacell	BPI2.7.6106 / n° 14	43 (-3 ; -9)
H5T edge-to-edge glazed partition 66.2 / 12 mm tempered glass	BEB2.G.6072-6	41 (-2 ; -4)
Edge-to-edge glazed partition H5T glazing 55.2 silence / 66.2 silence	BEB2.G.6072-5	44 (-2 ; -6)
Edge-to-edge glazed partition H5T single glazing 55.2	BEB2.G.6072-8	34 (-2 ; -3)
Solid partition H5JC melamine 16 mm 2 faces PAR 60 with aggro melamine on both faces and glass wool by comfort 13.2 kg/m³ thickness 60 mm	BEB2.H.6073-4	44 (-2 ; -8)
PARTITION KIT		ANNEX 5 (1/1) of the ETA-23/0142
Airborne sound insulation		

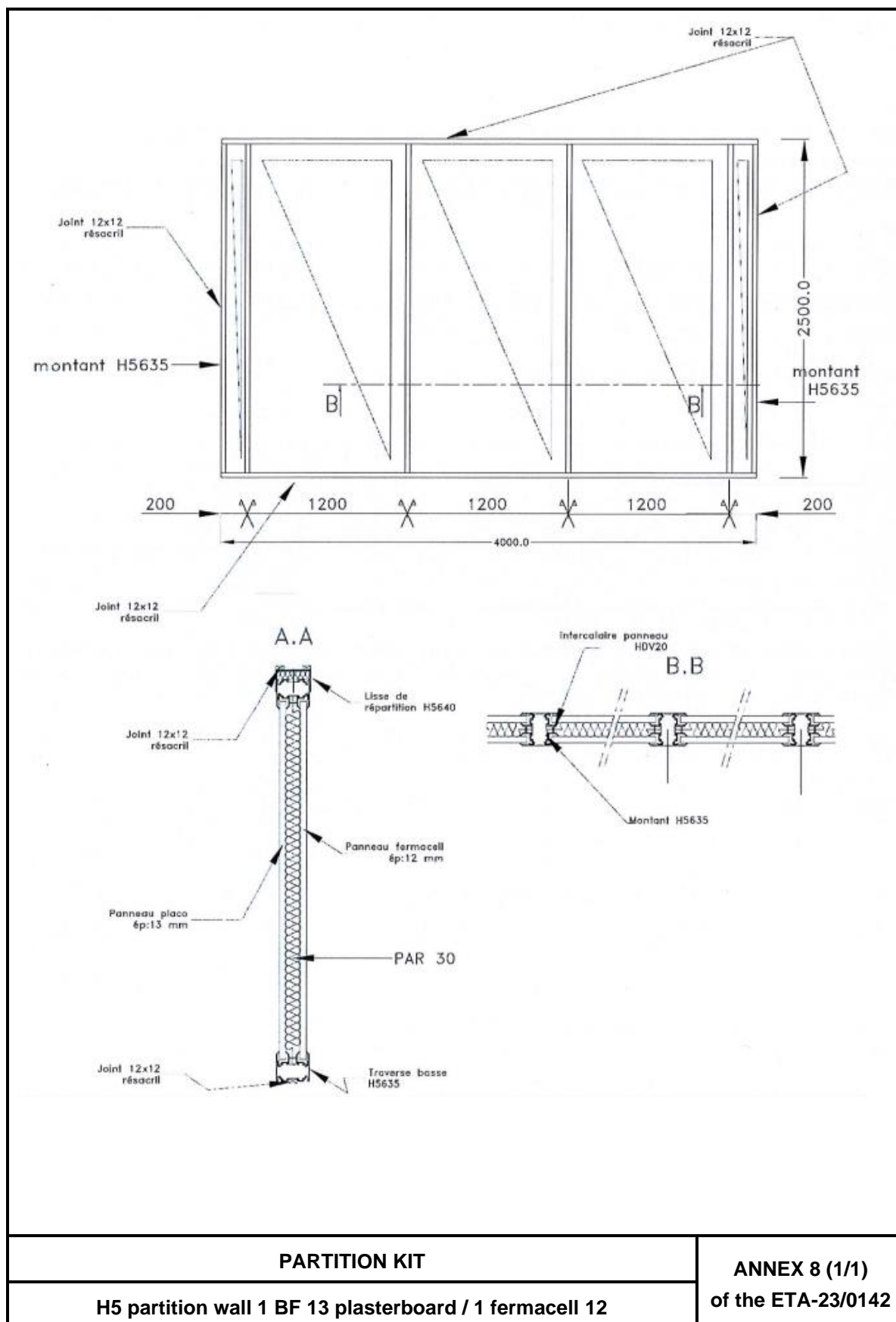


## PARTITION KIT

H5 partition wall 1 BF 13 plasterboard / placophonique

ANNEX 6 (1/1)  
of the ETA-23/0142

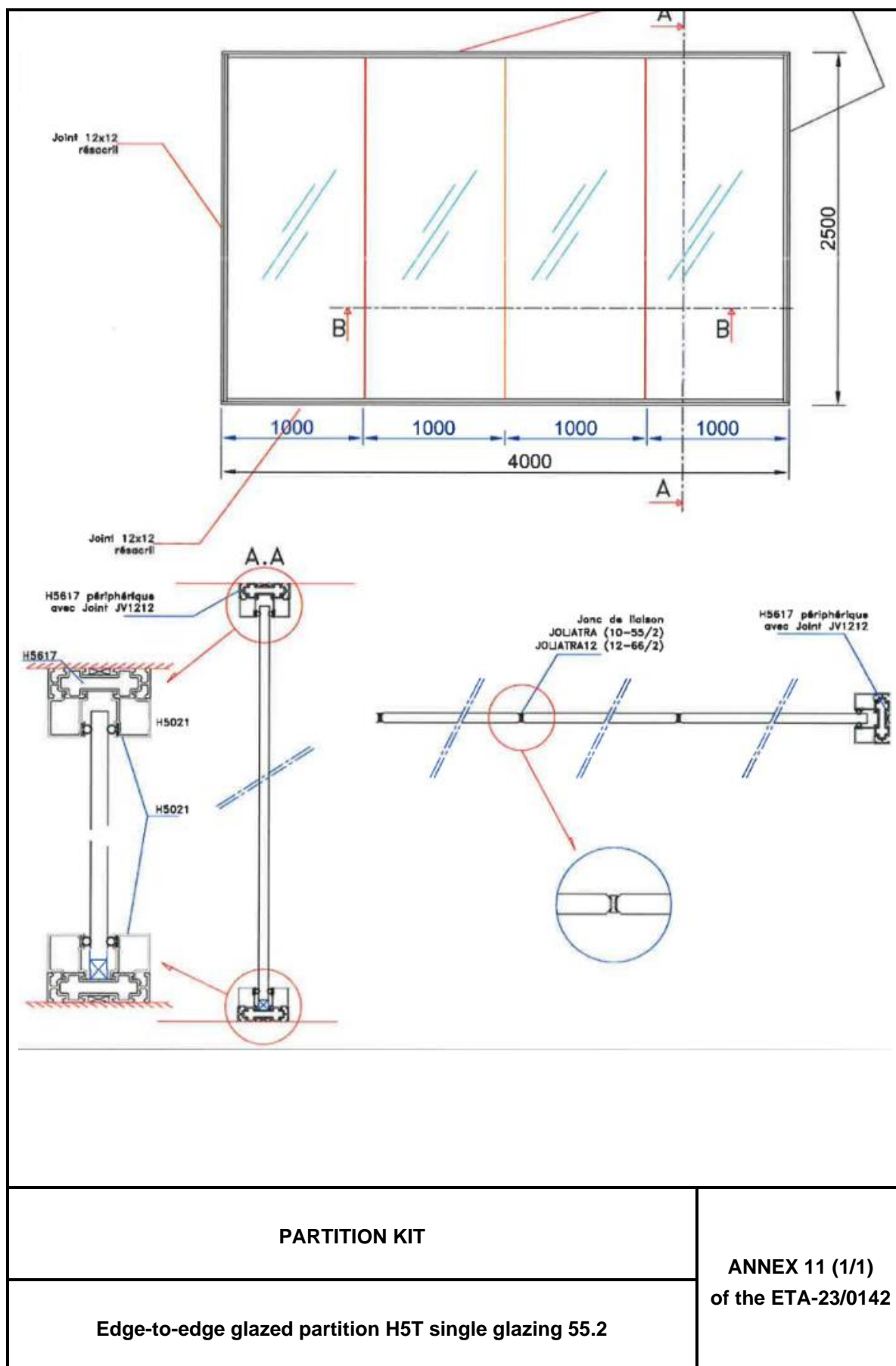


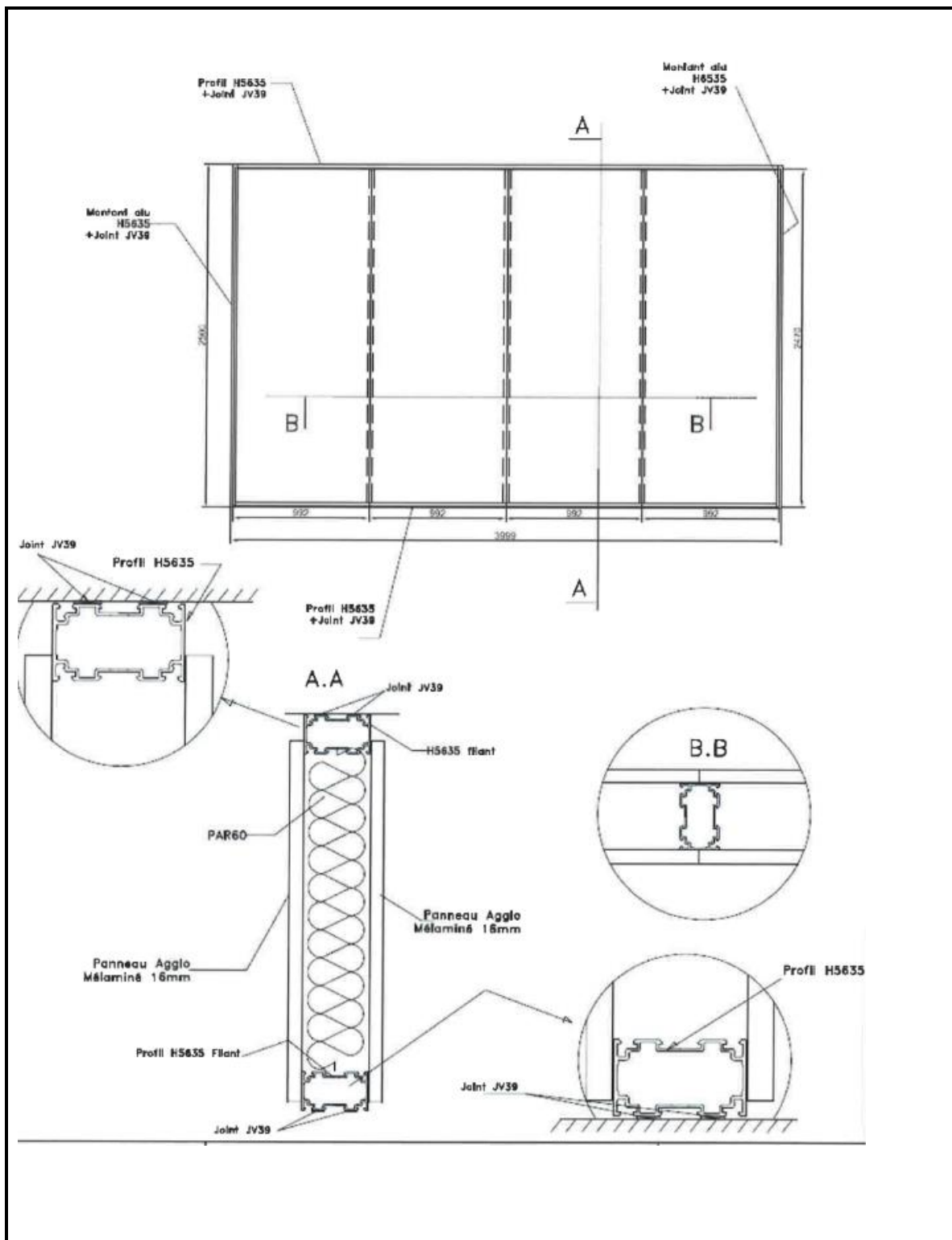








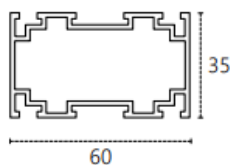




### PARTITION KIT

solid partition H5JC melamine 16 mm 2 faces PAR 60 with agglo melamine on both faces and glass wool by comfort 13.2 kg/m<sup>3</sup> thickness 60 mm.

ANNEX 12 (1/1)  
of the ETA-23/0142



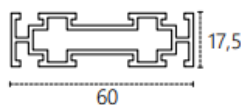
#### H5635

Profil de base

Basic profile

Profil podstawowy

Basisprofil



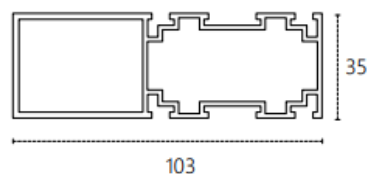
#### H5617

Demi-profil de base

Half basic profile

Półprofil podstawowy

Halbes Basisprofil



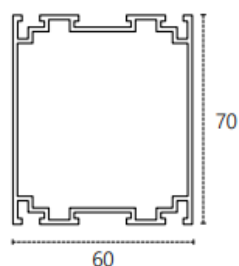
#### H5103

Profil renforcé

Reinforced profile

Profil wzmacniony

Verstärktes profil



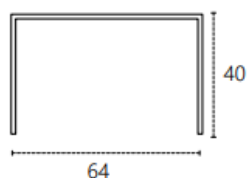
#### H5700

Profil de base (double épaisseur)

Basic profile (double thickness)

Profil podstawowy  
(o podwójnej grubości)

Basisprofil (Doppelte Dicke)



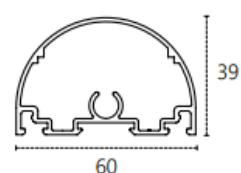
#### H5640

Lisse de répartition

«U» connecting profile

Profil U

U-profil



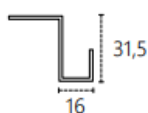
#### H5390

Profil demi rond

Vertical half round profile

Profil półokrągły

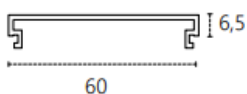
Halbrundes Profil zum  
senkrecht einsetzen



#### HPB13

Profil support bandeau

Strip support profile



#### H5606

Cache-rainures

Post cap

H5 profiles

ANNEX 13 (1/1)  
of the ETA-23/0142

# H5 Profils

Profiles

Profile

Profile

Combinaisons  
parcloses + joints

Mix strips  
+ seals

Połączenia listew  
zatrząskowych + uszczelki

Kombinationen  
Leisten + Dichtungen

## H5 Aluminium

H5003 H5010 H5015

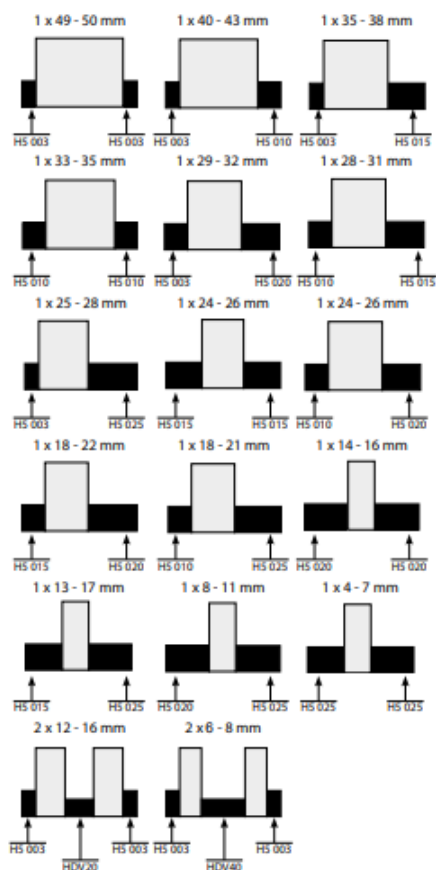


H5020 H5025



+ H5J02

Joint  
Uszczelka  
Dichtung



## H5 PVC

H5P03



H5P10



H5P16



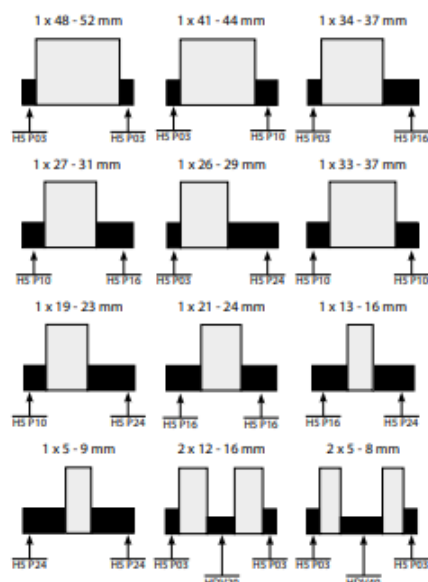
H5P24



HDV20P



HDV40



07/2018

H5  
03

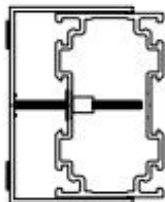
H5 profiles

ANNEX 14 (1/1)  
of the ETA-23/0142

# H5

## Accessoires

Ressort + Excentrique	H5R17 (H5617)	H5R60 (H5635)	H5R70 (H5700)	H5R74 (H5710)
Spring + Eccentric screw				
Klips + mimośród				
Feder + Exzenter				



### H5V18

Vérin

1 par tranche de 600 mm

Levelling screw

1 per section of 600mm

Śruba regulacyjna

1 dla każdej sekcji 600 mm

Stellschrauben

1 für jede Abschnitt von 600 mm



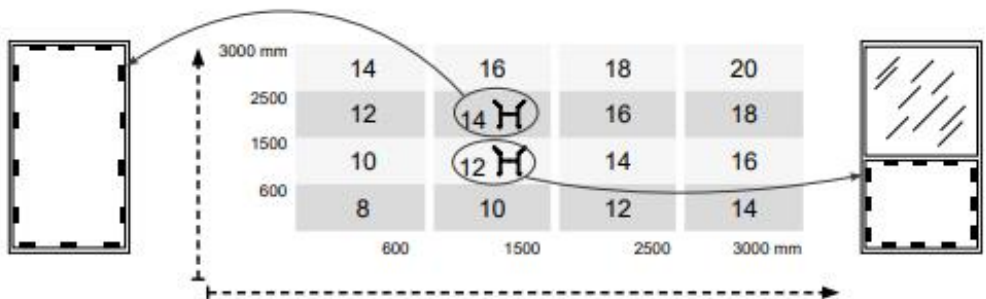
### HDV20/P

Intercalaires PVC à disposer par panneau

PVC spacers required per panel

Liczba przekładek z PCV do założenia do każdej płyty.

PVC Distanzhalter für Platten


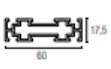
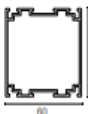


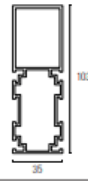
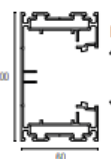






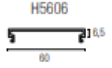


















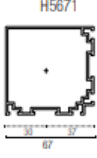
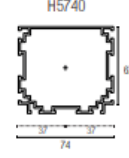
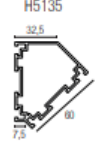

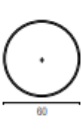
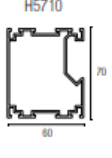




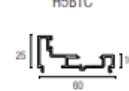




















07/2018

H5  
04

Accessories

ANNEX15 (1/1)  
of the ETA-23/0142

 H5635	 H5617	 H5700	 H5640	 H5390	 H5103	 H5PL	 H9P45	 PLECA
 H5R17 (H5617)	 H5R60 (H5635)				 HPB13	 H5606	 H5V18	 HDV20P
 H5R70 (H5700)	 H5R74 (H5710)	 H5003	 H5010	 H5015	 H5P03	 H5P10	 H5P16	 H5021
		 H5020	 H5025	 + H5J02	 H5P24	 HDV40	 H5023	 H50V21
 H5671	 H5740	 H5135	 H5701	 H5T60	 H5710	 JCH2F	 JCH1F	 CALH5TSV
 H5BTA	 H5BTC	 H5T 10 - 12 mm	 JOLIA 55/2 (10,8 mm)	 JOLIA 66/2 (12,8 mm)	 JOLIA 10 mm	 JOLIA 55/2 (10,8 mm)	 JOLIA 12 mm	 JOLIA 66/2 (12,8 mm)
 HZBJ10	 PB19	 CP20	 BTR0 (H5T60)	 B740 (H5740)	 B671 (H5671)	 B135 (H5135)	 B701 (H5701)	 B635 (H5635)
			 B390 (H5390)	 B700 (H5700)				
Equipments							ANNEX 16 (1/1) of the ETA-23/0142	