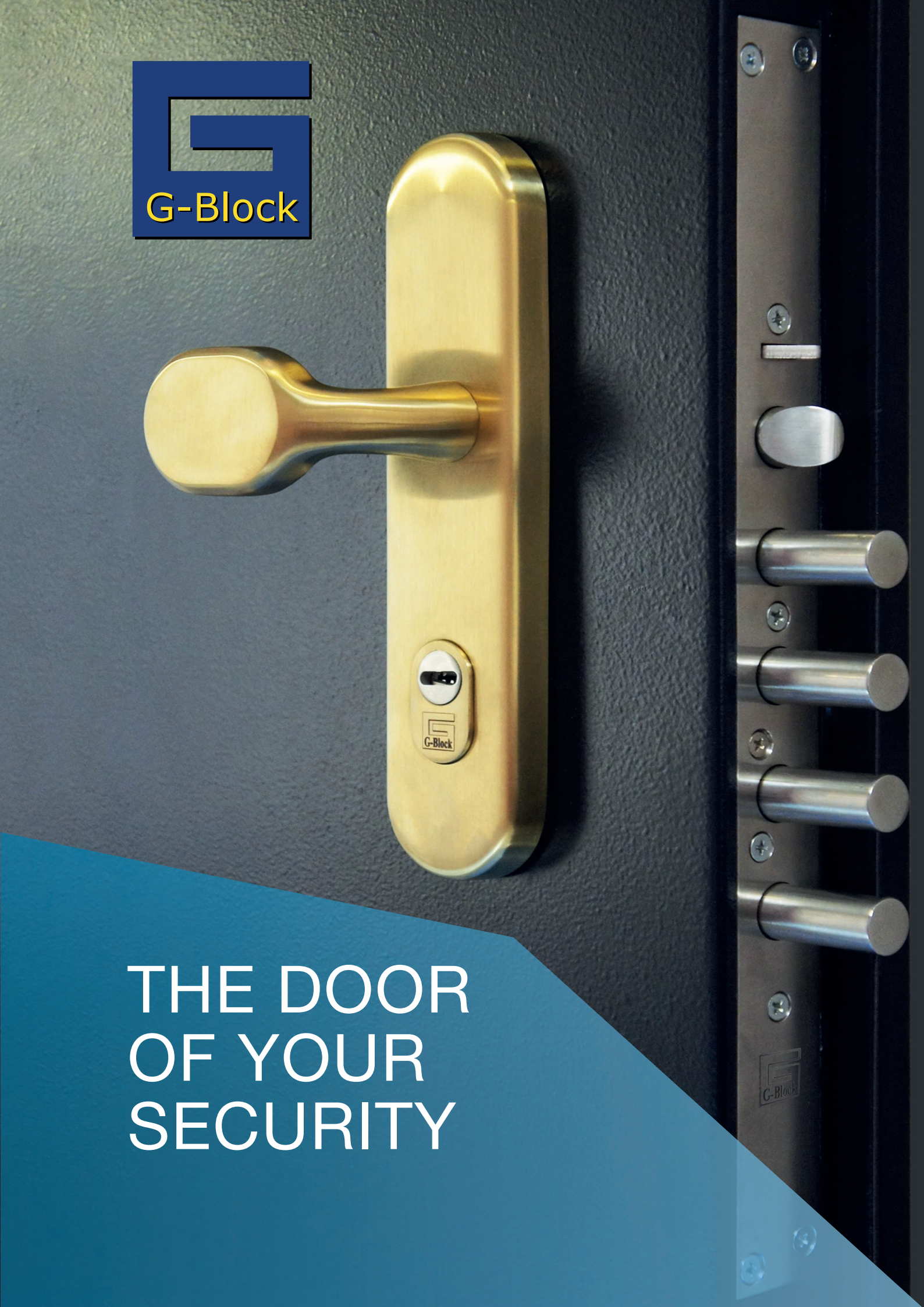


THE DOOR OF YOUR SECURITY

Foreword

Are you looking for a “customised” solution while staying within your budget? The G-Block range of doors has been a proponent of this philosophy since 1980.

G-Block places at your disposal all its expertise and professionalism in the manufacturing of its products. Thanks to such skills and expertise, G-Block products serve as reference for many fitters of security steel doors.

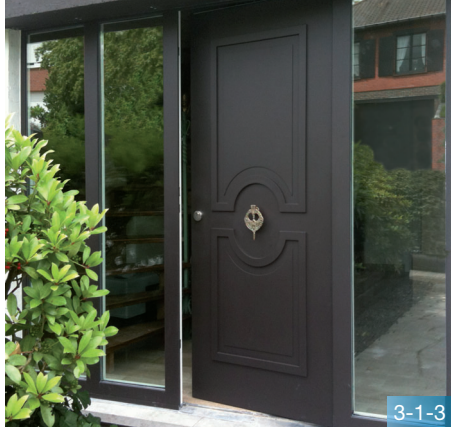
You can visit our showroom in Ghislenghien where our advisers will be delighted to show you a range of sober or sophisticated products which are, first and foremost, always user-friendly, practical and resistant!

G-Block has been making high-security doors for several decades – always heedful to the requirements of and trends on the market. We capitalise on the input of our many partners to develop our security products efficiently for both indoor and outdoor use.

Our wish in all our systems is for our doors to fit harmoniously in their environment - something that can have a surprise effect in an attempt to break into a house.

3-1-1


3-1-2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3-1-4

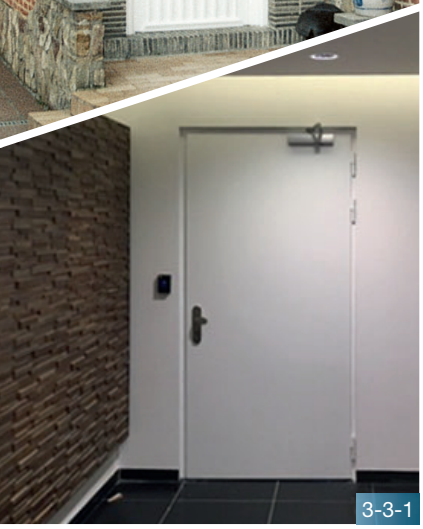

3-1-5


3-2-1


3-2-2


3-2-3


3-2-4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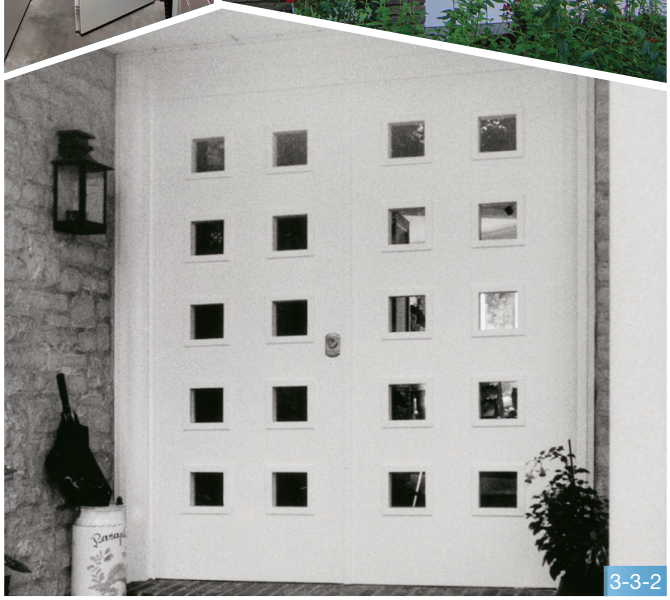
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3-3-3


3-3-4


3-4-1

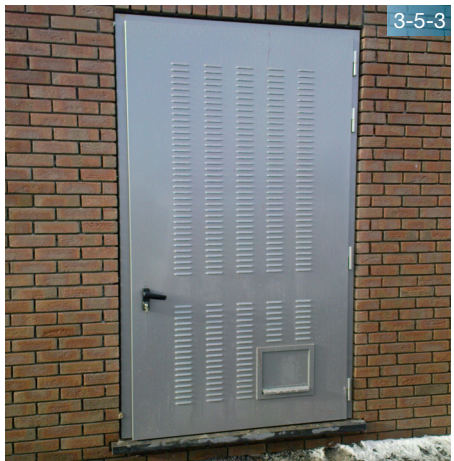

3-4-2


3-4-3

3-4-4

3-5-1


3-5-2


3-5-3


3-5-4

Series AN Class 2

Class 2 Certificate

CIDEMCO-Tecnalia
Área Anardi, nº 5
Apartado 134 P.O. Box
E-20730 Azpeitia (Gipuzkoa) / Spain
Tel.: +34 943 81 68 00
Fax: +34 943 81 60 74
www.cidemco.es
cidemco@cidemco.es

(*)

cidemco tecnalia

Nº informe: 24290. Página 1 de 12

INFORME DE ENSAYO

CLIENTE: **ANDREU BARBERÁ**

SOLICITANTE: **JOSÉ VICENTE MEDINA**

DIRECCIÓN: **POL. IND. FUENTE DEL JARRO, C/CIUDAD DE SEVILLA, 20, 46988 PATERNA (VALENCIA)**

MATERIAL ENSAYADO: **PUERTA DE SEGURIDAD REF. «COMPACT 3PF»**

OBJETO DE LA PETICIÓN: **ENSAYOS DE SEGURIDAD (UNE-ENV 1627:2000)**

FECHA DE RECEPCIÓN:	09.02.2010
FECHA DE INICIO DEL ENSAYO:	18.02.2010
FECHA DE FINALIZACIÓN DEL ENSAYO:	18.02.2010
FECHA DE EMISIÓN DEL INFORME	12.04.2010

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RESULTADO: SATISFACTORIO (GRADO 2)

cidemco tecnalia

Alberto Jiménez
Técnico Área Seguridad y Accesibilidad
Arquitectura y Tecnologías para la Construcción

Virginia Aseguinolaza
Resp. Evaluación de la Conformidad
Arquitectura y Tecnologías para la Construcción

Razón Social: Fundación Cidemco • Nº F-231 Registro de Fundaciones Vasco • CIF: G20971214

(*)

Certification
Technological Center

Campus de la UAB
Apt. Correos 18
08193 Bellaterra (Barcelona)
T 93 567 2000
F 93 567 2001
ctc@applusorp.com
www.applusctc.com
www.applusorp.com

Applus+

ENAC
ENSAYOS
Nº 9/LE766

Bellaterra: 17 de junio de 2005
Expediente número: 5.024.540
Referencia peticionario: ANDREU BARBERÁ S.L.
Polígono Industrial Fuente del Jarro
C/ Ciudad de Sevilla, 20. Paterna
46988 VALÈNCIA

ENSAYO SOLICITADO: Medición en laboratorio del aislamiento acústico al ruido aéreo según la norma UNE-EN ISO 140-3:1995, de una puerta TURIA ACÚSTICA

FECHA DE REALIZACIÓN DEL ENSAYO: 9 de mayo de 2005

Índice global de reducción sonora ponderado A, R:	32,6 dBA
Índice ponderado de reducción sonora, R_w ($C_{100-5000}$; $C_{tr,100-5000}$):	35 (-2 ; -8) dB

LGAI Technological Center, S.A.

Xavier Costa i Guallar
Responsable de Acústica
LGAI Technological Center S.A.

LGAI Technological Center, S.A.

Pere Artís i Gabarró
Técnico Responsable
LGAI Technological Center S.A.

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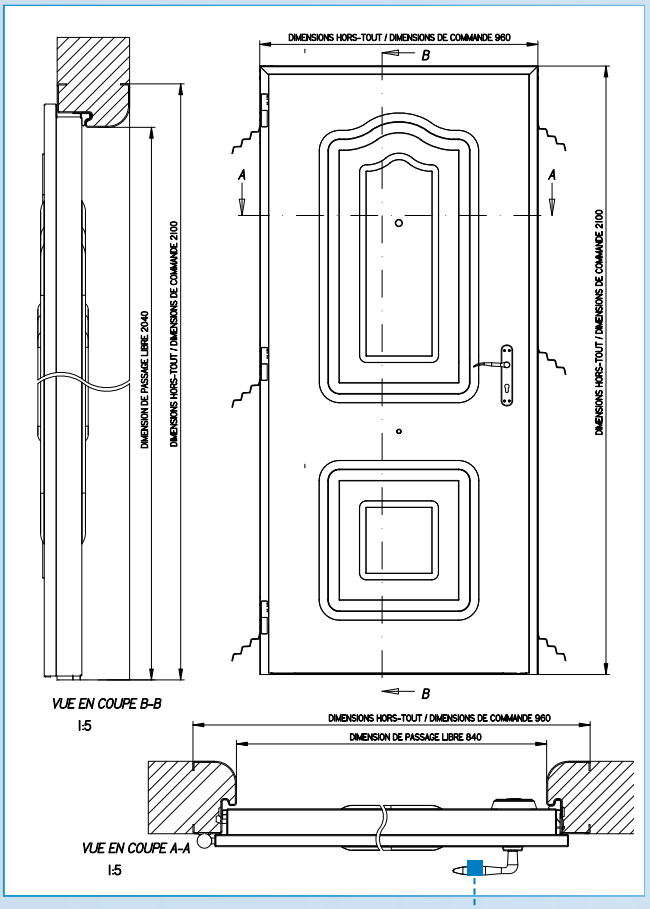
Este documento consta de 22 páginas de las cuales 15 son anexas. -página 1-

LGAI Technological Center S.A. CIF A-63207492



Door panel - Mod. Compact

Lock

Lock detail

Hinge

Cylinder protector

Peephole

Cylinder

G-Block
Metal door

The basis of your protection

Series of simple but high performance doors. This series earned *class II* in burglar resistance tests according to *EN 1627* Standards with a 3-point locking mechanism.

Security door

Blad van 52 mm dikte, geassembleerd met twee 10/10 gegalvaniseerde stalen platen, geassembleerd zonder lassen. Binnenisolatie met polyurethaanschuim.

Lock

Security lock embedded. Possibility of closing at three or five points.

Brass or nickel safety cylinder (30x45), supplied with 3 keys.

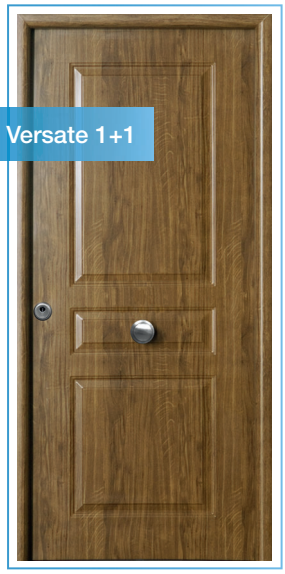
Hardware: cylinder guard and knob fixed outside, plate of property with latch inside.

Frame

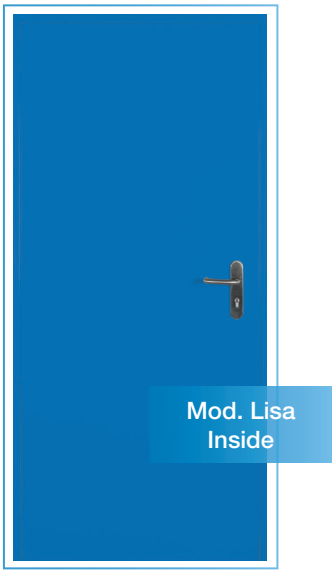
Frame 15/10, with rubber seal, to ensure a tight and smooth closure. All this gives the door high mechanical strength.

Hinges

Two steel hinges with a 3-way adjustment, and two anti-lift bolts.



Mod. Versate 1+1



Mod. Lisa Inside

Mod. Compact dark oak vinyl

Mod. Lisa inside clear oak vinyl

Dimensions:

Reference	**910 x 2100 mm**
Passage	790 x 2040 mm
Opening	870 x 2080 mm
Reference	**960 x 2100 mm**
Passage	840 x 2040 mm
Opening	920 x 2080 mm

Finishes and options

Clear oak vinyl

Dark oak vinyl

Color	RAL	
White	9010	
Light grey	7035	
Graphite gray	7024	
Charcoal grey	7016	
Metallic grey	9006	
Black	9005	
Red wine	3005	
Red fire	3000	
Overseas blue	5002	
Gentian blue	5010	
Moss green	6005	
Sepia brown	8014	

(*)

BOSEC

CERTIFICAAT

N° TCC 4 – 016

Wij certificeren dat de inbraakbestendige deur van het type:

G-BLOCK / SERIE C-30 *vervaardigd te Ghislenghien door de firma*
Varianten : **SERIE C-60 en SERIE I** *G-Block*

Met het slot **LINCE 35400-3H** en Cylinder **LINCE EUROPEEN**
Varianten : zie bijlage 1

beantwoordt aan de volgende voorschriften :

DOC CTK 3.1 (uitg. 19 maart 1993) van de BVVO EN VOLGENS DE NORMEN
ENV 1627 (1999), ENV 1628 (1999), ENV 1629 (1999), ENV 1630 (1999)

met de volgende klassering:

KLASSE 3 (EN) volgens ENV 1627 (januari 1999) = KLASSE 1 (CEA) volgens CTK 3.1 (uitg. 19 maart 1993)

De firma

G-BLOCK s.a.
Chemin Preuscamps, 16
B – 7822 GHISLENGHIEN

heeft toestemming om het merk **BOSEC** *op de bovenvermelde deur te gebruiken.*

Deze certificatie is gebaseerd op het beproevingsverslag van de laboratoria van de NVBB nr. SVP/DVP/023 – Add. 1 van 2005.03.21.

ondertekend namens **BOSEC**

Dit certificaat werd afgeleverd onder de door **BOSEC** *bepaalde*

Brussel, 06 januari 2006
De Secretaris-generaal
M. Vandendoren

BOSEC Belgian Organisation for Security Certification *(Vereniging zonder winstoogmerk)*
Aarlenstraat 15 B 1050 Brussel **tel:** 32.2.234 .36 10 **fax:** 32.2.234 36 17

Dit certificaat mag alleen in zijn geheel en zonder enige toevoeging gereproduceerd worden en met zijn bijlage.

(*)

BOSEC

CERTIFICAT

N° TCC 4 – 016

Nous certifions que la porte résistante à l'effraction du type:

G-BLOCK / SERIE C-30 *Fabriquée à Ghislenghien par la frime*
Variantes : **SERIE C-60 et SERIE I** *G-Block*

Avec la serrure **LINCE 35400-3H** et le cylindre **LINCE EUROPEEN**
Variantes : voir annexe 1

répond aux prescriptions suivantes :

DOC CTK 3.1 (édit. 19 mars 1993) de l'U.P.E.A. AINSI QUE LES NORMES
ENV 1627 (1999), ENV 1628 (1999), ENV 1629 (1999), ENV 1630 (1999)

et satisfait à la classification:

CLASSE 3 (EN) selon ENV 1627 (janvier 1999) = CLASSE 1 (CEA) selon
CTK 3.1 (édit. 19 mars 1993)

La firme

G-BLOCK s.a.
Chemin Preuscamps, 16
B – 7822 GHISLENGHIEN

est habilitée à apposer la marque **BOSEC** *sur la porte ci-dessus.*

Cette certification est basée sur le rapport d'essais des laboratoires de l'ANPI N° SVP/DVP/023 – Add. 1 du 2005.03.21

signé au nom de **BOSEC**

Ce certificat est délivré aux conditions définies par le **BOSEC**

Bruxelles, le 06 janvier 2006
Le Secrétaire général
M. Vandendoren

BOSEC Belgian Organisation for Security Certification *(Association sans but lucratif)*
Rue d'Arlon 15 B-1050 Bruxelles **tel:** 32.2.234.36.10 **fax:** 32.2. 234.36.17 Email : bosec@skynet. be

Ce certificat ne peut être reproduit que dans son entièreté et sans aucune surcharge et avec son annexe.

(*)

CENTRE SCIENTIFIQUE ET TECHNIQUE DE LA CONSTRUCTION
ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRETE-LOI DU 30 JANVIER 1947

BELTEST 054-T NBN-EN-ISO/IEC 17025

- Station expérimentale : B-1342 Limelette, Avenue P. Holoffe, 21 — Tél : (32) 2 655 77 11 — Fax : (32) 2 653 07 29
- Bureaux : B-1932 Sint-Stevens-Woluwe, Lozenberg 7 — Tél : (32) 2 716 42 11 — Fax : (32) 2 725 32 12
- Siège social : B-1000 Bruxelles, Rue du Lombard 42 — Tél : (32) 2 502 66 90 — Fax : (32) 2 502 81 80

TVA n°: BE 407.695.057 www.bbri.be

LABORATOIRE ACOUSTIQUE (AC)
RAPPORT D'ESSAIS N° AC 4188

Demandeur: G-BLOCK
Z.I., Chemin Preuscamps, 16
B-7822 GHISLENGHIEN
Belgium

Personnes contactées : **Demandeur:** S. Gonzalez — **CSTC - WTCB - BBRI - WTB** M. Van Damme

Essais effectués: Mesure de l'indice d'affaiblissement acoustique R d'un élément de bâtiment
Nom Produit: G-Block : Porte métallique.

Normes de référence :
EN ISO 140-3: 1995 Acoustics – Measurement of sound insulation in buildings and of building elements
– Part 3: Laboratory measurements of airborne sound insulation of building elements (ISO 140-3:1995)
EN ISO 717-1: 1996 Acoustics-Rating of sound insulation in buildings and of building elements
– Part 1: Airborne sound insulation (ISO 717-1:1996)

Date et référence de la demande: 24-05-06 N° DE 631xA444
Date de réception de(des) échantillon(s): 14-06-06 N° Echantillon: 2006-24-012
Date de l'essai: 14-06-06
Date d'établissement du rapport: 15-06-06

☐ Pas d'échantillon
☐ Echantillon(s) ayant subi un essai destructif
☒ Echantillon(s) évacué(s) de nos laboratoires 10 jours calendriers après l'envoi du rapport, sauf demande écrite de la part du demandeur

L'ingénieur responsable des essais, ing. M. Van Damme — Le technicien principal, P. Huart — Le chef de laboratoire, ir. B. Ingelaere

C.S.T.C. W.T.C.B. AC

Collaborateur: /

(*)

s.a. G-Block n.v.

G-Block

Zoning industriel de Ghislenghien
16, Chemin Preuscamps +
B-7822 Ghislenghien (Ath) Attestation des performances énergétique
Belgium selon la norme NBN B 62-002
tél.: 32 (0)68/26.66.10
fax.: 32 (0)68/26.66.19
www.G-Block.be + +
Ghislenghien, 05/2010
Notre réf.: dt/the/1005/S/11

Fiche de calcule de U (W/m²K)
Portes métalliques G-Block

Ces calculs ont été établis sur les bases suivantes :
- Vantail métallique plein composé de deux tôles électro-zinguées de 15/10 (faces intérieure et extérieur), avec âme en laine de roche 55 mm (λ=0.04)
  - Epaisseur du vantail 60 mm.
  - Largeur de la baie 1,1 m.
  - Hauteur de la baie 2.1 m.
  - Jeux cumulé entre l'huisserie et le vantail : 8 mm.
- Norme NBN B 62-002

Valeurs :
U_f = 2.48 W/m²K (portes en métal non isolées)
U_p = 0.65 W/m²K (laine de roche)
A_{tot} = 2,1 x 1,1 = 2,31 m² (surface total)
A_p = 1,19 m² (surface vantail)
A_f = 1.12 m² (surface encadrement)

Calculs :

$$U_w = (U_f \times A_f + U_p \times A_p) / A_{tot}$$

U_w = 1,563 W/m²K

Coefficient de transmission thermique de la porte suivant la norme NBN N 62-002
Cette valeur est inférieure à 2.9 W/m²K (référence de ka performance énergétique du bâtiment en Wallonie).
T.V.A. BE-0448.569.867 - Entr. 08/20/0/1 - R.C.Tournai 78.832 - IBAN BE68 2100 6851 9034

Burglar resistant doors, EN 1627 Class 3 standards with 3-point lock.

A series of doors of simple design but high performance, with extensive potential to adapt to your requirements. This series earned *class 3* in burglar resistance tests according to *EN 1627* Standards with a 3-point locking mechanism, acoustic insulation – 42 db. The most common locks for this Series are the EZ-9040 and WH-AV3 models, with Al Inox hardware.

Coefficient of thermal transmission according to NBN standard N 62-002: Uw = 1.563 W/m²K.

Door leaf

Door with one or two steel leaves, with covering on three sides, ±60 mm in thickness, consisting of a solid, double-wall panel, made of two zinc plated steel sheets with a thickness of 15/10 per leaf. The internal insulation consists of high density rock wool.

Frame

U-shaped with wall head covering.

A frame that sandwiches the wall head will be used for most interior doors. The frame is made of zinc plated steel sheets with a thickness of 20/10. It is screwed to the bay with at least three screws per stile.

A 40x20x1.5 mm tubular strip is riveted onto the frame, and conceals the light that enters between the leaf and the frame on the non-hinged side.

Tubular frame.

When the wall has a door rabbet, the most suited solution is a tubular frame housed in the interior space of the bay. This type of frame is made of tube sections of minimum 60x60x3.

The strip is obtained from cold-bent, zincplated sheets and a 20/10 section.

Rotating element

The leaves are suspended from the frame by means of at least two welded steel hinges with an exterior diameter of 20 mm, they are mounted on ball bearings for great inertia and can open up to 180°. They are moreover designed so that the axle cannot be driven out.

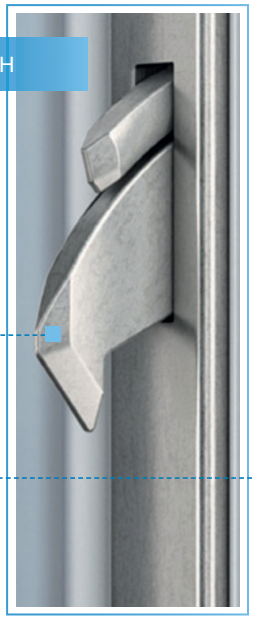
Locks

Locks Mod. 9040, 9044, AV3, AV4, EAV3.

Finish

All our doors at the exit of our workshops are pre-painted in white, Ral 9010.
On demand we can paint in stuctured liquid "M" RAL or we can cover them with vinyl wood look or fantasy, to define.
For other finishes please visit our website.

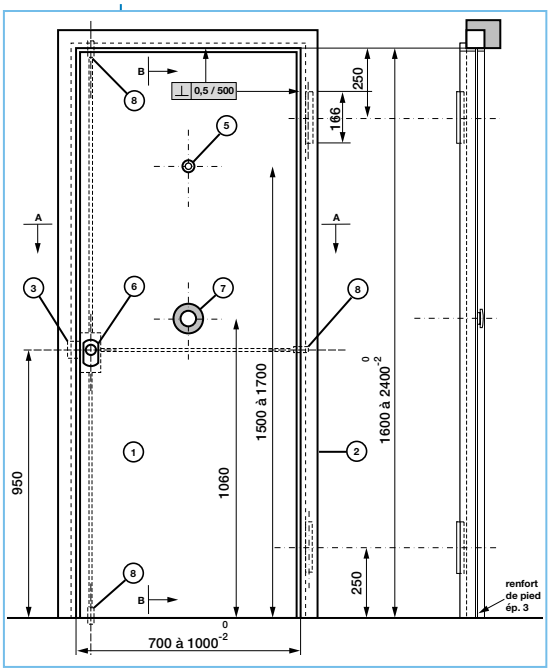
WH



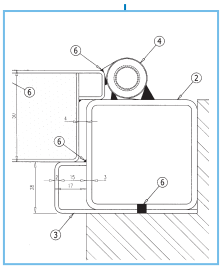
EZ

Series L, burglar resistant doors, EN 1627 Class 3 standards with 3-point lock.

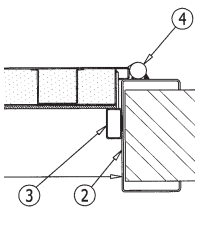
Scheme Mod. E-10

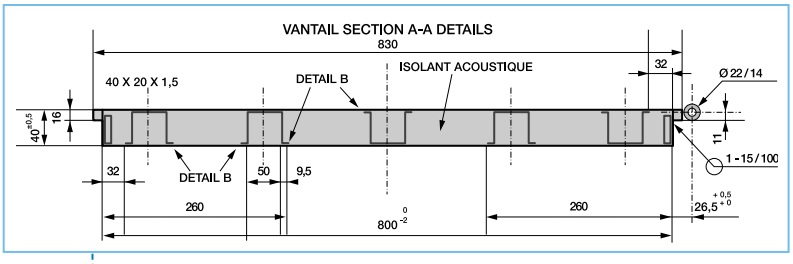


Tubular frame



U shaped





Door leaf

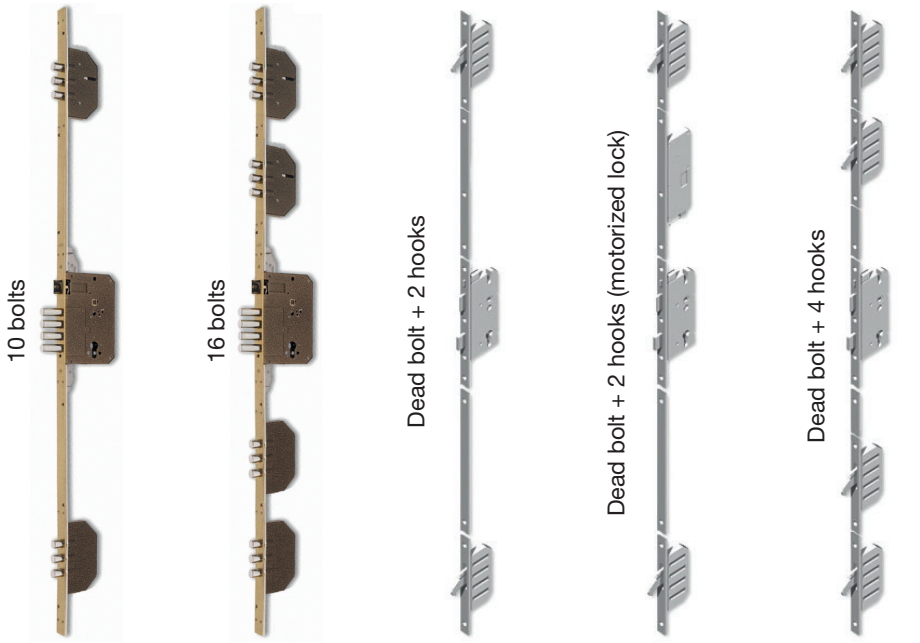

8-1

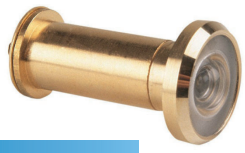

8-2


8-3

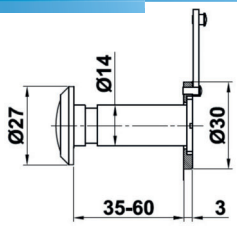

8-4

Locks



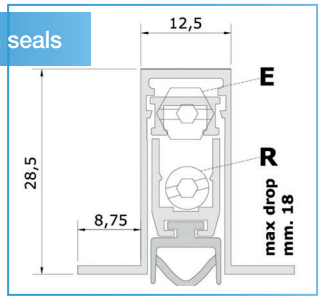


Peephole

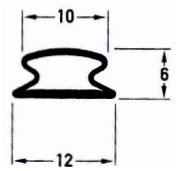


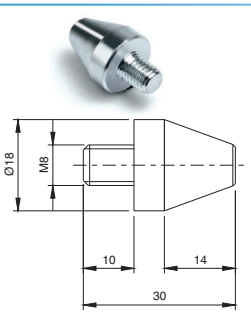
Cylinder protector

Drop down seals



Seals

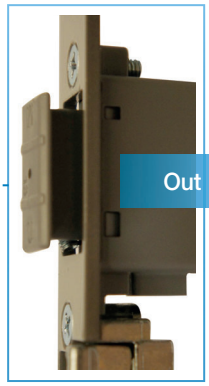




Anchor point

Static trigger

Magnetic trigger



Out

G-Block
Metal door

Pulling

inox

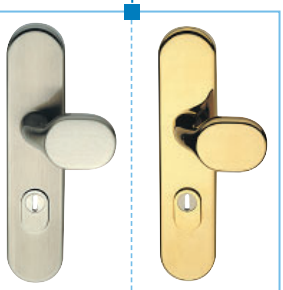
Fig. 3

inox

Fig. 3

gold

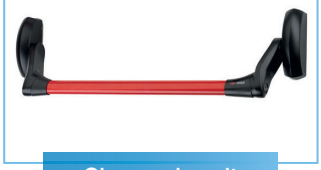
Fig. 4



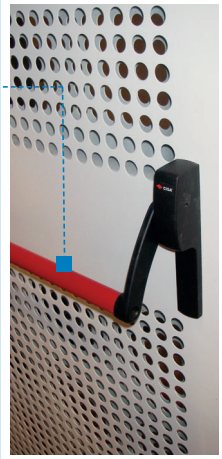
inox

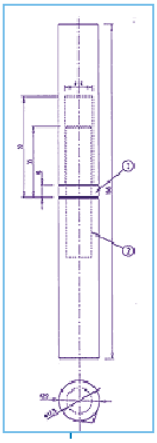
inox gold

Fig. 5



Cisa panic exit device



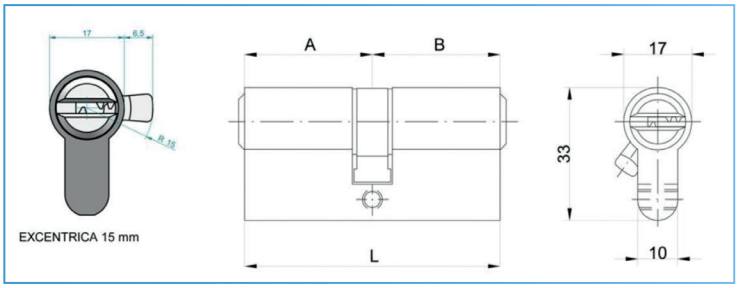


Rotating element

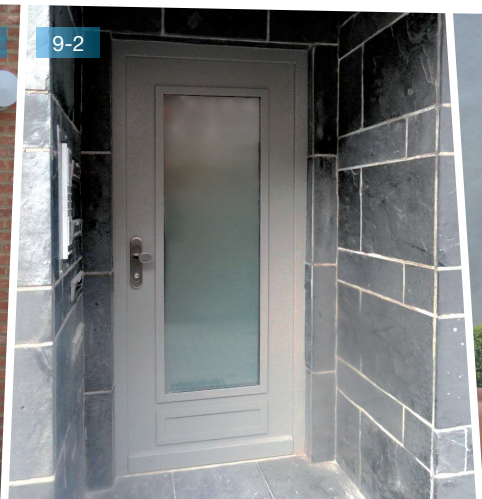
Ball bearings

Hinge

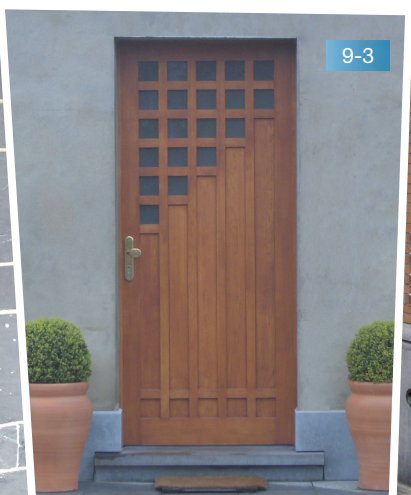
C2 cilinder



9-1



9-2



9-3

9-4

(*)

BOSEC

CERTIFICAAT

N^r TCC 4 – 016

Wij certificeren dat de inbraakbestendige deur van het type:

G-BLOCK / SERIE C-30
Varianten : **SERIE C-60 en SERIE I**

vervaardigd te Ghislenghien door de firma G-Block

Met het slot **LINCE 35400-3H** en Cylinder **LINCE EUROPEEN**
Varianten : zie bijlage 1

beantwoordt aan de volgende voorschriften :

DOC CTK 3.1 (uitg. 19 maart 1993) van de BVVO EN VOLGENS DE NORMEN ENV 1627 (1999), ENV 1628 (1999), ENV 1629 (1999), ENV 1630 (1999)

met de volgende klassering:

KLASSE 3 (EN) volgens ENV 1627 (januari 1999) = KLASSE 1 (CEA) volgens CTK 3.1 (uitg. 19 maart 1993)

De firma

G-BLOCK s.a.
Chemin Preuscamps, 16
B – 7822 GHISLENGHIEN

heeft toestemming om het merk **BOSEC** *op de bovenvermelde deur te gebruiken.*

Deze certificatie is gebaseerd op het beproevingsverslag van de laboratoria van de NVABB nr. SVP/DVP/023 – Add. 1 van 2005.03.21.

ondertekend namens **BOSEC**

Dit certificaat werd afgeleverd onder de door **BOSEC** *bepaalde*

Brussel, 06 januari 2006
De Secretaris-generaal
M. Vandendoren

BOSEC Belgian Organisation for Security Certification *(Vereniging zonder winstoogmerk)*
Aarlenstraat 15 B 1050 Brussel **tel:** 32.2.234 .36 10 **fax:** 32.2.234 36 17

Dit certificaat mag alleen in zijn geheel en zonder enige toevoeging gereproduceerd worden en met zijn bijlage.

(*)

BOSEC

CERTIFICAT

N° TCC 4 – 016

Nous certifions que la porte résistante à l'effraction du type:

G-BLOCK / SERIE C-30
Variantes : **SERIE C-60 et SERIE I**

Fabriquée à Ghislenghien par la frime G-Block

Avec la serrure **LINCE 35400-3H** et le cylindre **LINCE EUROPEEN**
Variantes : voir annexe 1

répond aux prescriptions suivantes :

DOC CTK 3.1 (édit. 19 mars 1993) de l'U.P.E.A. AINSI QUE LES NORMES ENV 1627 (1999), ENV 1628 (1999), ENV 1629 (1999), ENV 1630 (1999)

et satisfait à la classification:

CLASSE 3 (EN) selon ENV 1627 (janvier 1999) = CLASSE 1 (CEA) selon CTK 3.1 (édit. 19 mars 1993)

La firme

G-BLOCK s.a.
Chemin Preuscamps, 16
B – 7822 GHISLENGHIEN

est habilitée à apposer la marque **BOSEC** *sur la porte ci-dessus.*

Cette certification est basée sur le rapport d'essais des laboratoires de l'ANPI N° SVP/DVP/023 – Add. 1 du 2005.03.21

Ce certificat est délivré aux conditions définies par le **BOSEC**

signé au nom de **BOSEC**

Bruxelles, le 06 janvier 2006
Le Secrétaire général
M. Vandendoren

BOSEC Belgian Organisation for Security Certification *(Association sans but lucratif)*
Rue d'Arlon 15 B-1050 Bruxelles **tel:** 32.2.234.36.10 **fax:** 32.2. 234.36.17 Email : bosec@skynet.be

Ce certificat ne peut être reproduit que dans son entièreté et sans aucune surcharge et avec son annexe.

(*)

CENTRE SCIENTIFIQUE ET TECHNIQUE DE LA CONSTRUCTION
ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRETE-LOI DU 30 JANVIER 1947

BELTEST 054-T NBN-EN-ISO/IEC 17025

- Station expérimentale : B-1342 Limelette, Avenue P. Holoffe, 21 — Tél : (32) 2 655 77 11 — Fax : (32) 2 653 07 29
- Bureaux : B-1932 Sint-Stevens-Woluwe, Lozenberg 7 — Tél : (32) 2 716 42 11 — Fax : (32) 2 725 32 12
- Siège social : B-1000 Bruxelles, Rue du Lombard 42 — Tél : (32) 2 502 66 90 — Fax : (32) 2 502 81 80

TVA n°: BE 407.695.057 www.bbri.be

LABORATOIRE ACOUSTIQUE (AC)
RAPPORT D'ESSAIS N° AC 4188

Demandeur: G-BLOCK
Z.I., Chemin Preuscamps, 16
B-7822 GHISLENGHIEN
Belgium

Personnes contactées :	**Demandeur:**	**CSTC - WTCB - BBRI - WTB**
	S. Gonzalez	M. Van Damme

Essais effectués: Mesure de l'indice d'affaiblissement acoustique R d'un élément de bâtiment
Nom Produit: G-Block : Porte métallique.

Normes de référence :
EN ISO 140-3: 1995 Acoustics – Measurement of sound insulation in buildings and of building elements
– Part 3: Laboratory measurements of airborne sound insulation of building elements (ISO 140-3:1995)
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– Part 1: Airborne sound insulation (ISO 717-1:1996)

Date et référence de la demande:	24-05-06	N° DE 631xA444
Date de réception de(des) échantillon(s):	14-06-06	N° Echantillon: 2006-24-012
Date de l'essai:	14-06-06	
Date d'établissement du rapport:	15-06-06	

☐ Pas d'échantillon
☐ Echantillon(s) ayant subi un essai destructif
☒ Echantillon(s) évacué(s) de nos laboratoires 10 jours calendriers après l'envoi du rapport, sauf demande écrite de la part du demandeur

L'ingénieur responsable des essais, ing. M. Van Damme — Le technicien principal, P. Huart — C.S.T.C. W.T.C.B. AC — Le chef de laboratoire, ir. B. Ingelaere

Collaborateur: /

(*)

s.a. G-Block n.v.

Zoning industriel de Ghislenghien
16, Chemin Preuscamps +
B-7822 Ghislenghien (Ath) Attestation des performances énergétique
Belgium selon la norme NBN B 62-002
tél.: 32 (0)68/26.66.10
fax.: 32 (0)68/26.66.19
www.G-Block.be + +
Ghislenghien, 05/2010
Notre réf.: dt/the/1005/S/11

Fiche de calcule de U (W/m²K)
Portes métalliques G-Block

Ces calculs ont été établis sur les bases suivantes :
- Vantail métallique plein composé de deux tôles électro-zinguées de 15/10 (faces intérieure et extérieur), avec âme en laine de roche 55 mm (λ=0.04)
  - Epaisseur du vantail 60 mm.
  - Largeur de la baie 1,1 m.
  - Hauteur de la baie 2.1 m.
  - Jeux cumulé entre l'huisserie et le vantail : 8 mm.
- Norme NBN B 62-002

Valeurs :
U_f = 2.48 W/m²K (portes en métal non isolées)
U_p = 0.65 W/m²K (laine de roche)
A_{tot} = 2,1 x 1,1 = 2,31 m² (surface total)
A_p = 1,19 m² (surface vantail)
A_f = 1.12 m² (surface encadrement)

Calculs :

$$U_w = (U_f \times A_f + U_p \times A_p) / A_{tot}$$

U_w = 1,563 W/m²K

Coefficient de transmission thermique de la porte suivant la norme NBN N 62-002
Cette valeur est inférieure à 2.9 W/m²K (référence de ka performance énergétique du bâtiment en Wallonie).
T.V.A. BE-0448.569.867 - Entr. 08/20/0/1 - R.C.Tournai 78.832 - IBAN BE68 2100 6851 9034

Burglar resistant doors, EN 1627 Class 3 standards with 3-point lock.

A series of doors of simple design but high performance, with extensive potential to adapt to your requirements. This series earned *class 3* in burglar resistance tests according to *EN 1627* Standards with a 3-point locking mechanism, acoustic insulation – 42 db. The most common locks for this Series are the EZ-9040 and WH-AV3 models, with Al Inox hardware.

Coefficient of thermal transmission according to NBN standard N 62-002: Uw = 1.563 W/m²K.

Door leaf

Door with one or two steel leaves, with covering on three sides, ±60 mm in thickness, consisting of a solid, double-wall panel, made of two zinc plated steel sheets with a thickness of 15/10 per leaf. The internal insulation consists of high density rock wool.

Frame

U-shaped with wall head covering.

A frame that sandwiches the wall head will be used for most interior doors. The frame is made of zinc plated steel sheets with a thickness of 20/10. It is screwed to the bay with at least three screws per stile.

A 40x20x1.5 mm tubular strip is riveted onto the frame, and conceals the light that enters between the leaf and the frame on the non-hinged side.

Tubular frame.

When the wall has a door rabbet, the most suited solution is a tubular frame housed in the interior space of the bay. This type of frame is made of tube sections of minimum 60x60x3.

The strip is obtained from cold-bent, zincplated sheets and a 20/10 section.

Rotating element

The leaves are suspended from the frame by means of at least two welded steel hinges with an exterior diameter of 20 mm, they are mounted on ball bearings for great inertia and can open up to 180°. They are moreover designed so that the axle cannot be driven out.

Locks

Locks Mod. 21, 22, 23, 06, 07, 08.

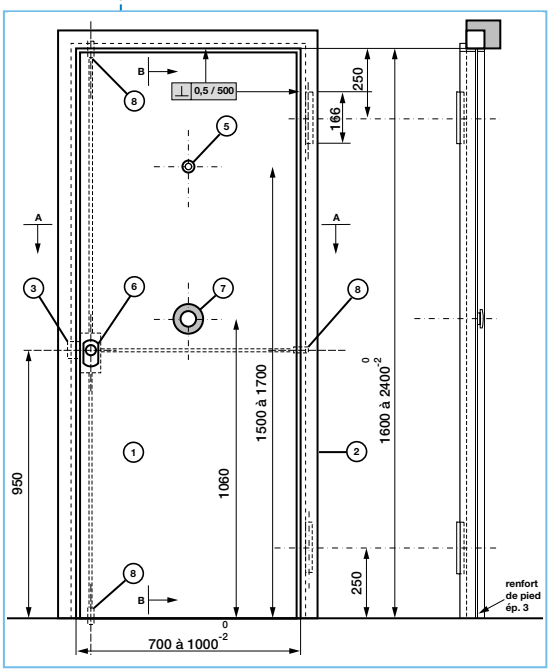
Finish

All our doors at the exit of our workshops are pre-painted in white, Ral 9010.
On demand we can paint in stuctured liquid "M" RAL or we can cover them with vinyl wood look or fantasy, to define.
For other finishes please visit our website.

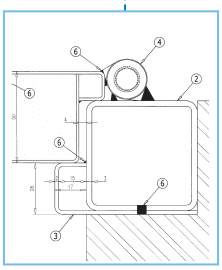
Hook

**Series O,
burglar resistant doors,
EN 1627
Class 3 standards
with 3-point lock.**

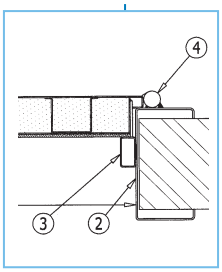
Scheme

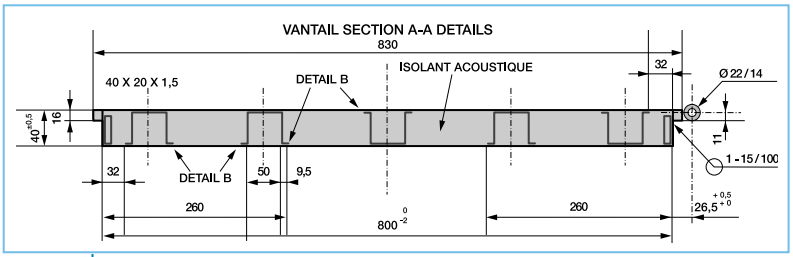


Tubular frame



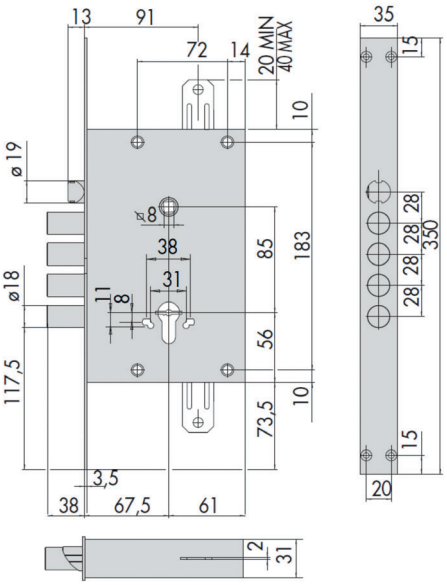
U shaped





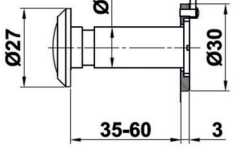
Door leaf

Lock Cambio Facile



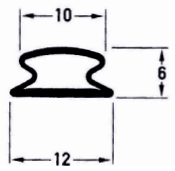
Lock Revolution

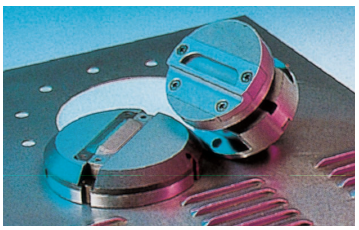
Peephole

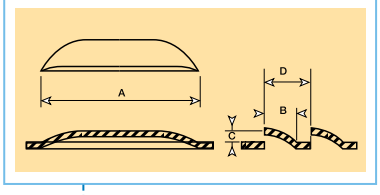


Cylinder protector

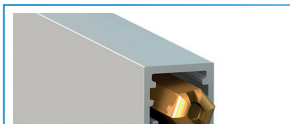
Seals



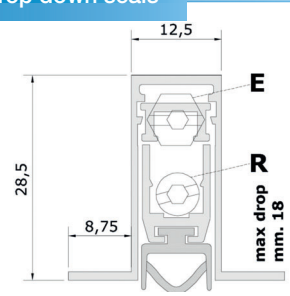




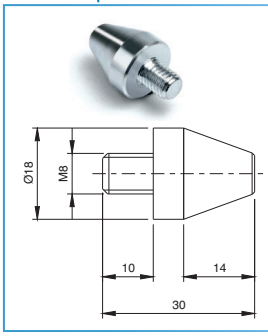
Louvre



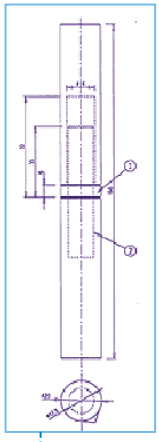
Drop down seals



Anchor point



G-Block
Metal door



Ball bearings

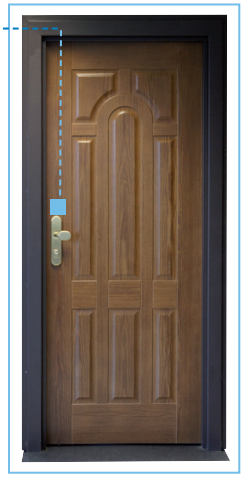
Hinge

Rotating element

Fig. 4

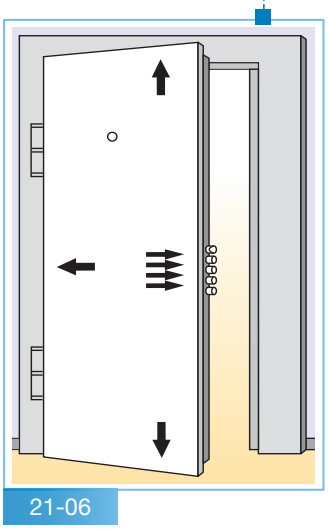
inox

inox gold



C2 cilinder

Series O lock models



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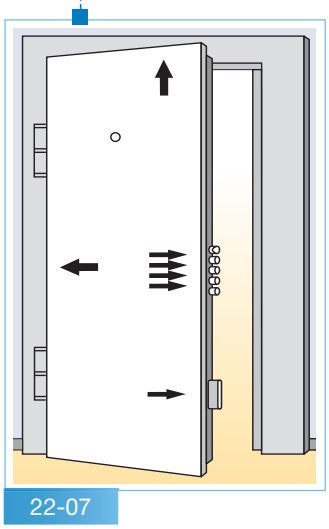
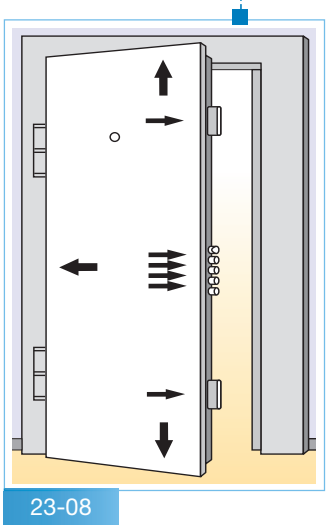
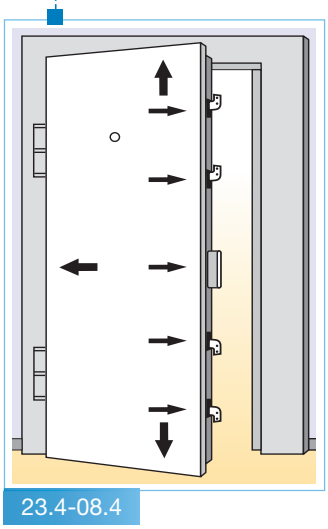


22-07



23-08

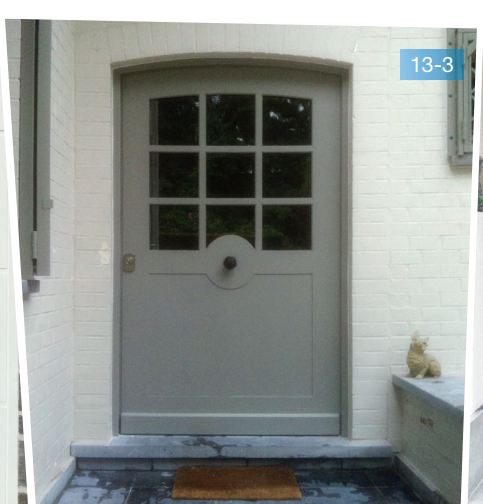


23.4-08.4

13-1

www.G-Block.be

13-2



13-3

13-4

(*)

BOSEC

CERTIFICAT

N° TCC 4 – 011/a

Nous certifions que la porte résistante à l'effraction du type:

SERIE E Mod. E-10
Var. : Mod E-11, Mod. E-12

Fabriquée à Ghislenghien par la frime G-Block

répond aux prescriptions suivantes :

DOC CTK 3.1 (édit. 19 mars 1993) de l'U.P.E.A. AINSI QUE LES NORMES ENV 1627, ENV 1628, ENV 1629, ENV 1630

et satisfait à la classification:

CLASSE 4 (EN) selon ENV 1627 (septembre 1997) = CLASSE 2 (CEA) selon CTK 3.1 (édit. 19 mars 1993)

La firme

G-BLOCK s.a.
Chemin Preuscamps, 16
B – 7822 GHISLENGHIEN

est habilitée à apposer la marque **BOSEC** *sur la porte ci-dessus.*

Cette certification est basée sur le rapport d'essais des laboratoires de l'ANPI N° SVP/DP/017 du 2000.06.26

Ce certificat est délivré aux conditions définies par le **BOSEC**

signé au nom de **BOSEC**

Bruxelles, le 15 septembre 2004
Le Secrétaire général
M. Vandendoren

BOSEC Belgian Organisation for Security Certification (Association sans but lucratif)
Rue d'arlon 15 B 1050 Bruxelles **tel:** 32.2.234 36 10 **fax:** 32.2.234 36 17

Ce certificat ne peut être reproduit que dans son entièreté et sans aucune surcharge et avec son ou ses annexe(s).

(*)

BOSEC

CERTIFICAAT

Nr TCC 4 – 011/a

Wij certificeren dat de inbraakbestendige deur van het type:

SERIE E Mod. E-10
Var. : Mod E-11, Mod. E-12

vervaardigd te Ghislenghien door de firma G-Block

beantwoordt aan de volgende voorschriften :

DOC CTK 3.1 (uitg. 19 maart 1993) van de BVVO EN VOLGENS DE NORMEN ENV 1627, ENV 1628, ENV 1629, ENV 1630

met de volgende klassering:

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Dit certificaat werd afgeleverd onder de door **BOSEC** *bepaalde*

ondertekend namens **BOSEC**

Brussel, 15 september 2004
De Secretaris-generaal
M. Vandendoren

BOSEC Belgian Organisation for Security Certification (Vereniging zonder winstoogmerk)
Aarlenstraat 15 B 1050 Brussel **tel:** 32.2.234 36 10 **fax:** 32.2.234 36 17

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(*)

CENTRE SCIENTIFIQUE ET TECHNIQUE DE LA CONSTRUCTION
ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRETE-LOI DU 30 JANVIER 1947

BELTEST 054-T NBN-EN-ISO/IEC 17025

- Station expérimentale : B-1342 Limelette, Avenue P. Holoffe, 21 — Tél : (32) 2 655 77 11 — Fax : (32) 2 653 07 29
- Bureaux : B-1932 Sint-Stevens-Woluwe, Lozenberg 7 — Tél : (32) 2 716 42 11 — Fax : (32) 2 725 32 12
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TVA n°: BE 407.695.057 www.bbri.be

LABORATOIRE ACOUSTIQUE (AC)
RAPPORT D'ESSAIS N° AC 4188

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Z.I., Chemin Preuscamps, 16
B-7822 GHISLENGHIEN
Belgium

Personnes contactées :	**Demandeur:**	**CSTC - WTCB - BBRI - WTB**
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Date d'établissement du rapport:	15-06-06	

☐ Pas d'échantillon
☐ Echantillon(s) ayant subi un essai destructif
☒ Echantillon(s) évacué(s) de nos laboratoires 10 jours calendriers après l'envoi du rapport, sauf demande écrite de la part du demandeur

L'ingénieur responsable des essais, ing. M. Van Damme — Le technicien principal, P. Huart — C.S.T.C. W.T.C.B. AC — Le chef de laboratoire, ir. B. Ingelaere

Collaborateur: /

(*)

s.a. G-Block n.v.

G-Block

Zoning industriel de Ghislenghien
16, Chemin Preuscamps +
B-7822 Ghislenghien (Ath) Attestation des performances énergétique
Belgium selon la norme NBN B 62-002
tél.: 32 (0)68/26.66.10
fax.: 32 (0)68/26.66.19
www.G-Block.be + +
Ghislenghien, 05/2010
Notre réf.: dt/the/1005/S/11

Fiche de calcule de U (W/m²K)
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Ces calculs ont été établis sur les bases suivantes :
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  - Hauteur de la baie 2.1 m.
  - Jeux cumulé entre l'huisserie et le vantail : 8 mm.
- Norme NBN B 62-002

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$$U_w = (U_f \times A_f + U_p \times A_p) / A_{tot}$$

U_w = 1,563 W/m²K

Coefficient de transmission thermique de la porte suivant la norme NBN N 62-002
Cette valeur est inférieure à 2.9 W/m²K (référence de ka performance énergétique du bâtiment en Wallonie).
T.V.A. BE-0448.569.867 - Entr. 08/20/0/1 - R.C.Tournai 78.832 - IBAN BE68 2100 6851 9034

Series E2,
burglar resistant doors,
EN 1627 Class 4 standards
with 3-point lock

Hook

Central lock

Burglar resistance test.
Series E2 level 2 NFP 20-320

(*)

CNPP VERNON
BP 2265
27950 ST-MARCEL
TÉLÉCOPIEUR :
32 53 64 14

TÉLÉPHONES :
LABORATOIRES
32 53 64 54
SECRÉTARIAT
V.A.T.
32 53 64 47

Siège Social : 12, rue Brancion, 75015 Paris

LABORATOIRES CENTRAUX
DE SAINT-REMY
B.P. 37 DOMAINE DE SAINT-PAUL
78470 SAINT-REMY LES CHEVREUSE
☎ (1) 30.52.92.00
Télex : 695 527 F FEDEBAT
RC PARIS B 562 101 176
N° SIRET 562 101 176 000383 - Code APE 9321

12 MAI 1996

CERTIFICAT D'ESSAIS

DEMANDÉ PAR : G. BLOCK S.A ZI DE GHISLENGHIEN 16 CHEMIN PREUSCAMPS -GHISLENGHIEN B 7822

OBJET : BLOC-PORTE

RÉFÉRENCE : E10

Le bloc-porte a subi avec succès les essais de NIVEAU 2 définis par les normes NF P 20 320 et NF P 23 306.

Les résultats des essais réels d'effraction réalisés aux Laboratoires CNPP sont consignés dans le rapport n° MP 95 02 08 et MP 95 02 08 A

en date du 14 Septembre 1995 et en date du 28 Décembre 1995

Le 25 Avril 1996

Le Directeur de Laboratoire

T. DELAUME

Les résultats des essais conventionnels réalisés aux Laboratoires du CEBTP sont consignés dans le rapport n° 2322.8.052

en date du 19 Février 1996

Le 7 Mai 1996

Le Directeur des Départements Spécialisés

E. GIROT

Ce certificat n'est valable que pour des blocs-portes identiques à ceux soumis aux essais munis de leur descriptif technique.

Inbraakwerende deuren, EN 1627 Klasse 4-normen met 3-puntssluiting.

This is the series on which we have always focused more attention as it is the basis for the development of all the other series. So our innovations are applied to it first. It represents the most widely sold structure of anti-burglar leaf. The most common locks for this Series are the E-22 models. The hardware is fig. 2 fixed Nyckel finish (pulling on outer and inner latch plate).

Burglar resistance test according to EN 1627 Standards *class 4* and NFP 20-320 level 2 and NFP 23-306, acoustic insulation– 42 db; plus the application of most of our invention patents.

Coefficient of thermal transmission according to NBN standard N 62-002: Uw = 1.563 W/m²K

Door leaf

Door with one or two steel leaves, with covering on three sides, ±60 mm in thickness, consisting of a solid, double-wall panel, made of two zinc plated steel sheets with a thickness of 15/10 per leaf. The internal insulation consists of high density rock wool.

Frame

U-shaped with wall head covering.

A frame that sandwiches the wall head will be used for most interior doors. The frame is made of zinc plated steel sheets with a thickness of 20/10. It is screwed to the bay with at least three screws per stile.

A 40x20x1.5 mm tubular strip is riveted onto the frame, and conceals the light that enters between the leaf and the frame on the non-hinged side.

Tubular frame.

When the wall has a door rabbet, the most suited solution is a tubular frame housed in the interior space of the bay. This type of frame is made of tube sections of minimum 60x60x3.

The strip is obtained from cold-bent, zincplated sheets and a 20/10 section.

Rotating element

The leaves are suspended from the frame by means of at least two welded steel hinges with an exterior diameter of 20 mm, they are mounted on ball bearings for great inertia and can open up to 180°. They are moreover designed so that the axle cannot be driven out.

Locks

Locks Mod. 21, 22, 23, 23.4.

Finish

All our doors at the exit of our workshops are pre-painted in white, Ral 9010.
On demand we can paint in stuctured liquid "M" RAL or we can cover them with vinyl wood look or fantasy, to define.
For other finishes please visit our website.


20-1


20-2


20-3

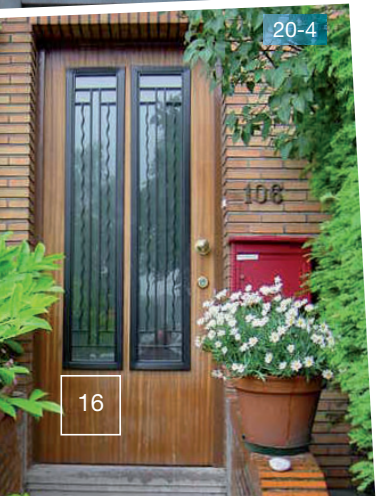

20-4

Fig. 1

Fig. 2

Fig. 3

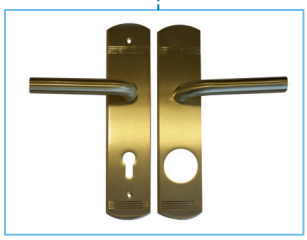
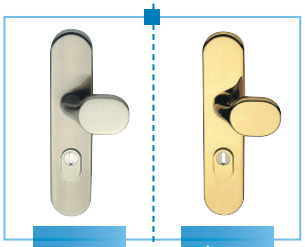


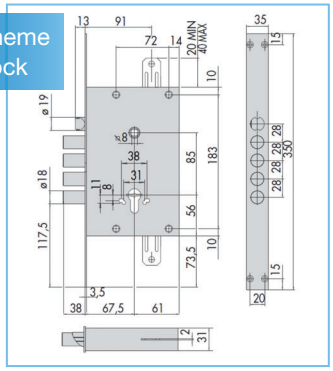
Fig. 4



inox

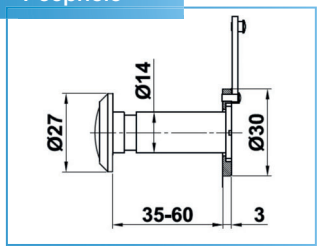
inox gold

Scheme lock

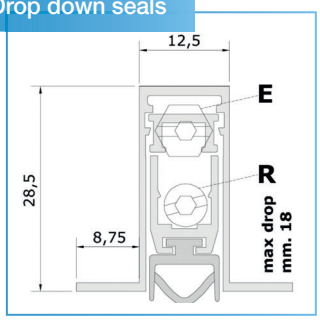


C5 cilinder

Peephole



Drop down seals

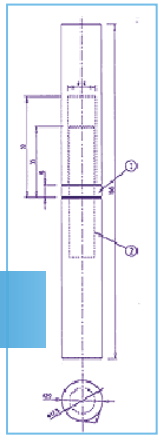


Stainless door pull

Brass door pull

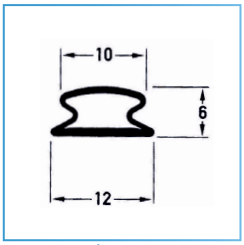
Cylinder protector

Rotating element



Ball bearings

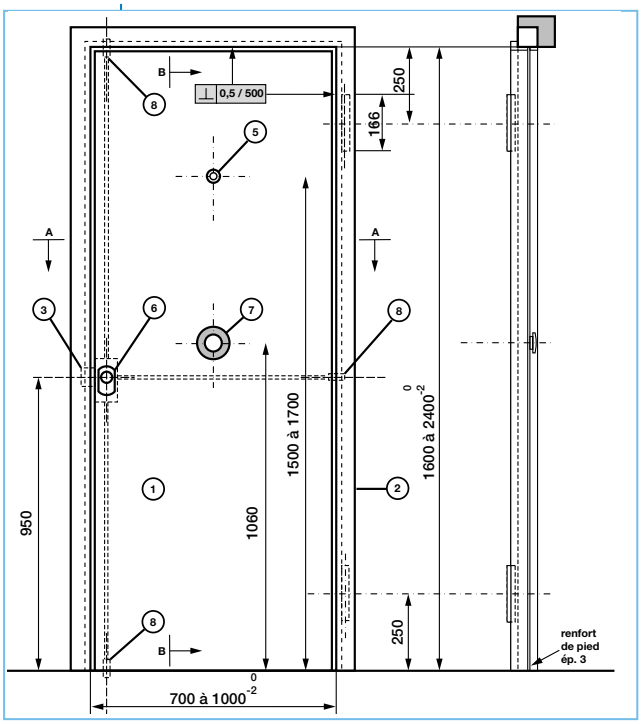
Hinge



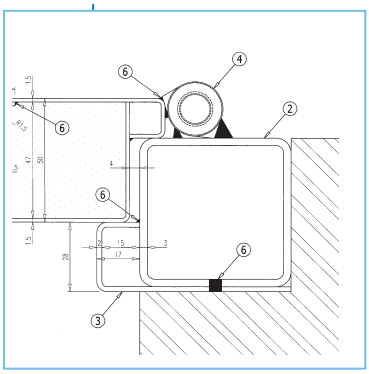
Seals

G-Block
Metal door

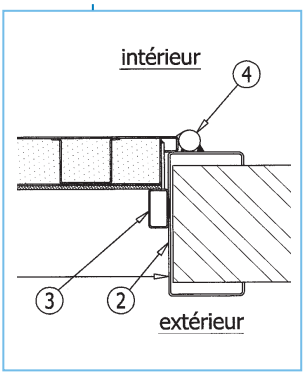
Scheme Mod. E-10

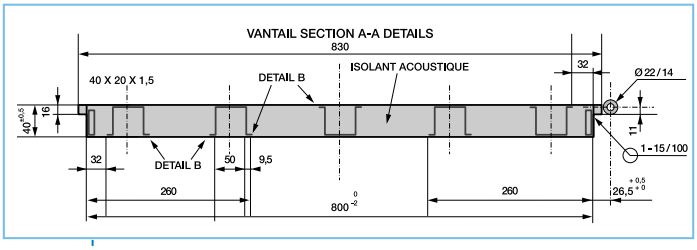


Tubular frame



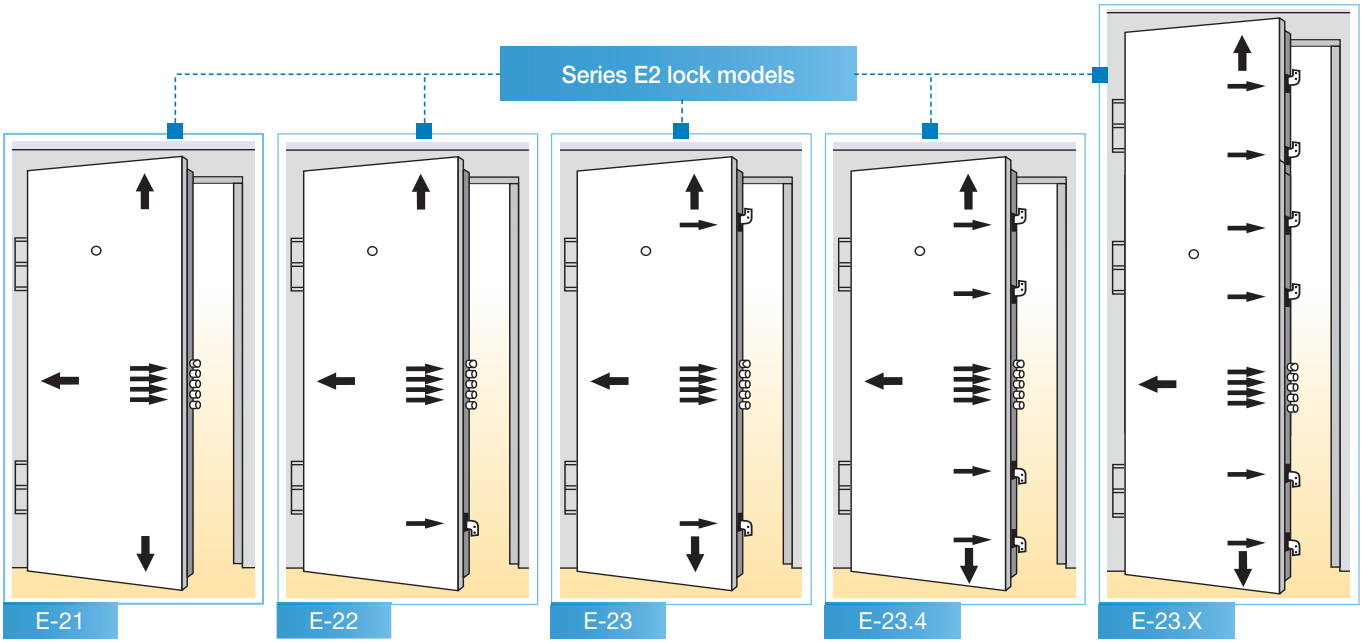
U shaped





Door leaf

Series E2 lock models



E-21 | E-22 | E-23 | E-23.4 | E-23.X

Locks

Mod. 21

European cylinder lock (10 teeth gear) and latch
- Latch locked by sensor when the leaf is slammed

Latch locked by sensor when the leaf is slammed.
- The stroke of this element is 40 mm, 1 turn
- Deflection mechanism for the top, back and bottom.
- Backset: 90 mm; case size: 85 mm; follower: 8 mm

Square front stainless steel plate 40/10, 35 x 400 mm.

Other possibilities from this central housing:

Mod. 22

an additional hook deflector at +/-700 mm to the top from the central housing. And no bottom anchoring

Mod. 23

two additional hook deflectors at +/-700 mm, one towards the top and one towards the bottom from the central housing.

Mod. 23.4

Two additional hook deflectors at +/-700 mm, one towards the top and one towards the bottom from the central housing, and two at +/- 350 mm.

(*)

BOSEC

CERTIFICAT

N° TCC 4 – 019

Nous certifions que la porte résistante à l'effraction du type:

G-BLOCK / SERIE K *Fabriquée à Ghislenghien par la frime G-Block*

Avec la serrure **EZCURRA - 9040** et le cylindre **EZCURRA – 420-P inox**
Variantes : voir annexe 1

répond aux prescriptions suivantes :

Prescriptions pour la certification de la résistance à l'effraction des fenêtres, portes et volets de bâtiments (édition 01.03.2005) d'ASSURALIA, . AINSI QUE LES NORMES ENV 1627 (1999), ENV 1628 (1999), ENV 1629 (1999), ENV 1630 (1999)

et satisfait à la classification:

CLASSE 5 (EN) selon ENV 1627 (1999)

La firme

G-BLOCK s.a.
Chemin Preuscamps, 16
B – 7822 GHISLENGHIEN

est habilitée à apposer la marque **BOSEC** *sur la porte ci-dessus.*

Cette certification est basée sur le rapport d'essais des laboratoires ANPI N° SVP/DXP/031 du 2007.01.26

Ce certificat est délivré aux conditions définies par le **BOSEC**

signé au nom de **BOSEC**
Bruxelles, le 27 mars 2007
Le Secrétaire général
M. Vandenbroeck

BOSEC Belgian Organisation for Security Certification (Association sans but lucratif)
Rue d'Arlon 15 B-1050 Bruxelles **tel:** 32.2.234.36.10 **fax:** 32.2. 234.36.17 Email : bosec@skynet..be
Ce certificat et son annexe ne peuvent être reproduits que dans leur entièreté et sans aucune surcharge.

(*)

CENTRE SCIENTIFIQUE ET TECHNIQUE DE LA CONSTRUCTION
ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRETE-LOI DU 30 JANVIER 1947

BELTEST 054-T NBN-EN-ISO/IEC 17025

- Station expérimentale : B-1342 Limelette, Avenue P. Holoffe, 21 — Tél : (32) 2 655 77 11 — Fax : (32) 2 653 07 29
- Bureaux : B-1932 Sint-Stevens-Woluwe, Lozenberg 7 — Tél : (32) 2 716 42 11 — Fax : (32) 2 725 32 12
- Siège social : B-1000 Bruxelles, Rue du Lombard 42 — Tél : (32) 2 502 66 90 — Fax : (32) 2 502 81 80

TVA n°: BE 407.695.057 www.bbri.be

LABORATOIRE ACOUSTIQUE (AC)

RAPPORT D'ESSAIS N° AC 4188

Demandeur: G-BLOCK
Z.I., Chemin Preuscamps, 16
B-7822 GHISLENGHIEN
Belgium

Personnes contactées : **Demandeur:** S. Gonzalez — **CSTC - WTCB - BBRI - WTB** M. Van Damme

Essais effectués: Mesure de l'indice d'affaiblissement acoustique R d'un élément de bâtiment
Nom Produit: G-Block : Porte métallique.

Normes de référence :
EN ISO 140-3: 1995 Acoustics – Measurement of sound insulation in buildings and of building elements
– Part 3: Laboratory measurements of airborne sound insulation of building elements (ISO 140-3:1995)
EN ISO 717-1: 1996 Acoustics-Rating of sound insulation in buildings and of building elements
– Part 1: Airborne sound insulation (ISO 717-1:1996)

Date et référence de la demande:	24-05-06	N° DE 631xA444
Date de réception de(des) échantillon(s):	14-06-06	N° Echantillon: 2006-24-012
Date de l'essai:	14-06-06	
Date d'établissement du rapport:	15-06-06	

☐ Pas d'échantillon
☐ Echantillon(s) ayant subi un essai destructif
☒ Echantillon(s) évacué(s) de nos laboratoires 10 jours calendriers après l'envoi du rapport, sauf demande écrite de la part du demandeur

L'ingénieur responsable des essais, ing. M. Van Damme — Le technicien principal, P. Huart — C.S.T.C. W.T.C.B. AC — Le chef de laboratoire, ir. B. Ingelaere

Collaborateur: /

(*)

s.a. G-Block n.v.

Zoning industriel de Ghislenghien
16, Chemin Preuscamps +
B-7822 Ghislenghien (Ath) Attestation des performances énergétique
Belgium selon la norme NBN B 62-002
tél.: 32 (0)68/26.66.10
fax.: 32 (0)68/26.66.19
www.G-Block.be + +
Ghislenghien, 05/2010
Notre réf.: dt/the/1005/S/11

Fiche de calcule de U (W/m²K)
Portes métalliques G-Block

Ces calculs ont été établis sur les bases suivantes :
- Vantail métallique plein composé de deux tôles électro-zinguées de 15/10 (faces intérieure et extérieur), avec âme en laine de roche 55 mm (λ=0.04)
  - Epaisseur du vantail 60 mm.
  - Largeur de la baie 1,1 m.
  - Hauteur de la baie 2.1 m.
  - Jeux cumulé entre l'huisserie et le vantail : 8 mm.
- Norme NBN B 62-002

Valeurs :
U_f = 2.48 W/m²K (portes en métal non isolées)
U_p = 0.65 W/m²K (laine de roche)
A_{tot} = 2,1 x 1,1 = 2,31 m² (surface total)
A_p = 1,19 m² (surface vantail)
A_f = 1.12 m² (surface encadrement)

Calculs :

$$U_w = (U_f \times A_f + U_p \times A_p) / A_{tot}$$

U_w = 1,563 W/m²K

Coefficient de transmission thermique de la porte suivant la norme NBN N 62-002
Cette valeur est inférieure à 2.9 W/m²K (référence de ka performance énergétique du bâtiment en Wallonie).
T.V.A. BE-0448.569.867 - Entr. 08/20/0/1 - R.C.Tournai 78.832 - IBAN BE68 2100 6851 9034

For the protection of you most valuable items.

The K series has been designed chiefly for all doors that bear brunt during an attempted breaking and entering, because they are isolated in the configuration of the building (and therefore more vulnerable), such as an emergency exit, for instance, or those which are the sole entrance to premises for the storage of valuables. Our answer to this type of risk is an anti-burglar door according to *EN 1627* Standards *class 5* with a 3-point locking mechanism.

Door leaf

Door with one or two steel leaves, with covering on three sides, ±60 mm in thickness, consisting of a solid, double-wall panel, made of two zinc plated steel sheets with a thickness of 15/10 per leaf. The internal insulation consists of high density rock wool.

Deurlijst of -kassement

U-shaped with wall head covering.

A frame that sandwiches the wall head will be used for most interior doors. The frame is made of zinc plated steel sheets with a thickness of 20/10. It is screwed to the bay with at least three screws per stile.

A 40x20x1.5 mm tubular strip is riveted onto the frame, and conceals the light that enters between the leaf and the frame on the non-hinged side.

Tubular frame.

When the wall has a door rabbet, the most suited solution is a tubular frame housed in the interior space of the bay. This type of frame is made of tube sections of minimum 60x60x3.

The strip is obtained from cold-bent, zincplated sheets and a 20/10 section.

Rotating element

The leaves are suspended from the frame by means of at least two welded steel hinges with an exterior diameter of 20 mm, they are mounted on ball bearings for great inertia and can open up to 180°. They are moreover designed so that the axle cannot be driven out.

Locks

Locks Mod. 9044 - AV4 - 23.4

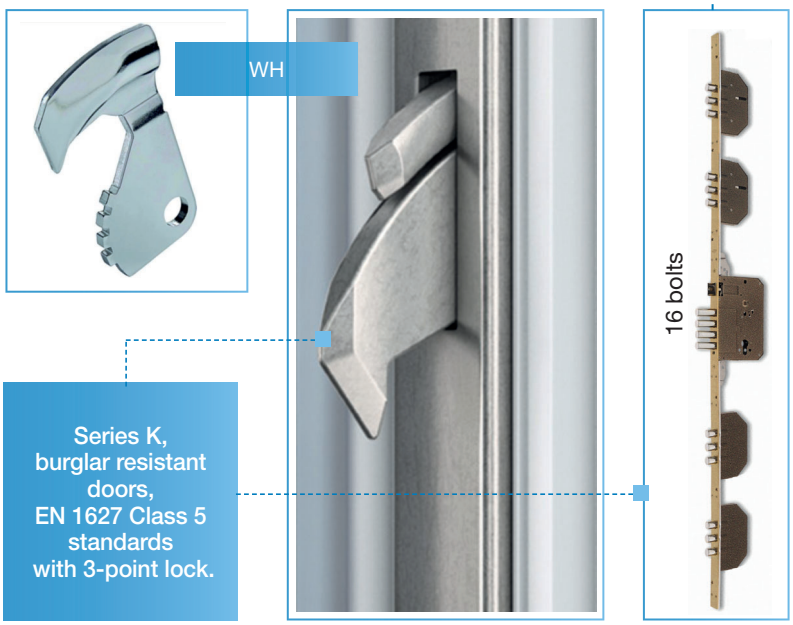
Finish

All our doors at the exit of our workshops are pre-painted in white, Ral 9010.
On demand we can paint in stuctured liquid "M" RAL or we can cover them with vinyl wood look or fantasy, to define.
For other finishes please visit our website.

www.G-Block.be

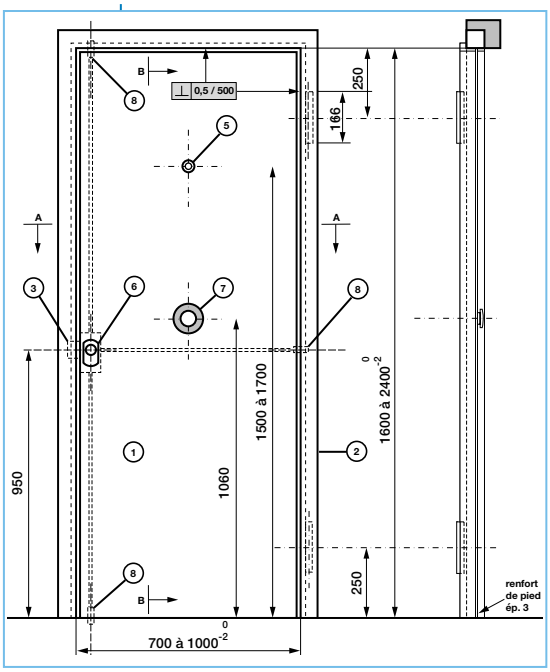
MADE IN BELGIUM

EZ - 9044

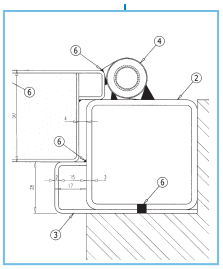


Series K, burglar resistant doors, EN 1627 Class 5 standards with 3-point lock.

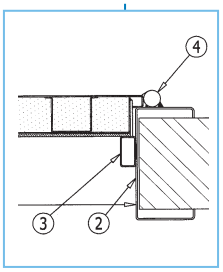
Scheme

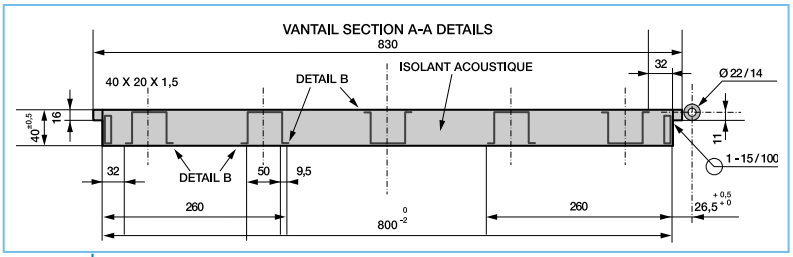


Tubular frame

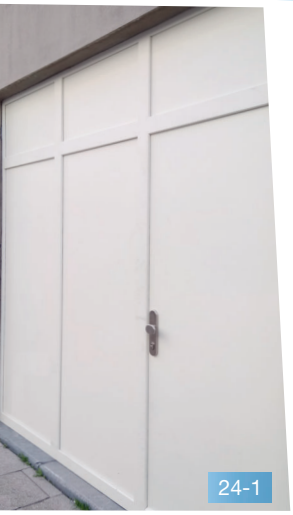


U shaped

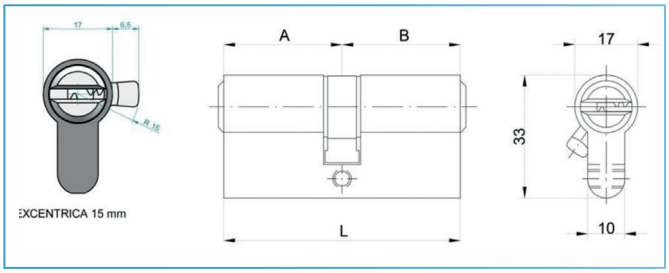




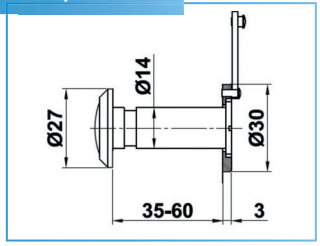
Door leaf



C5 cilinder

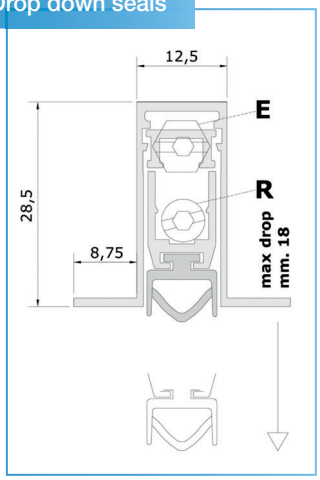


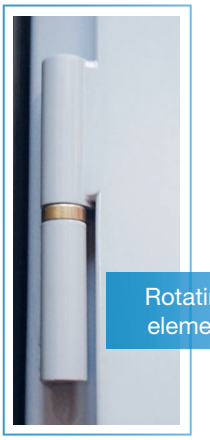
Peephole



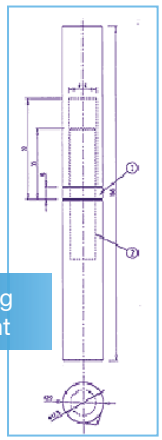
Cylinder protector

Drop down seals

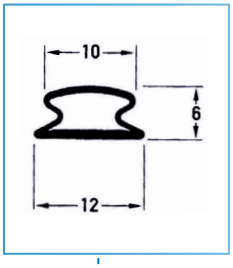




Rotating element



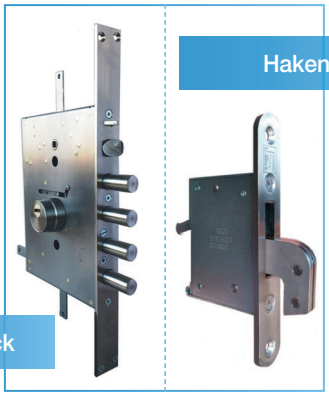
Ball bearings



Seals

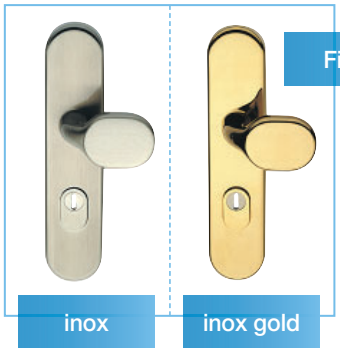
Hinge

G-Block
Metal door



Haken

Central lock

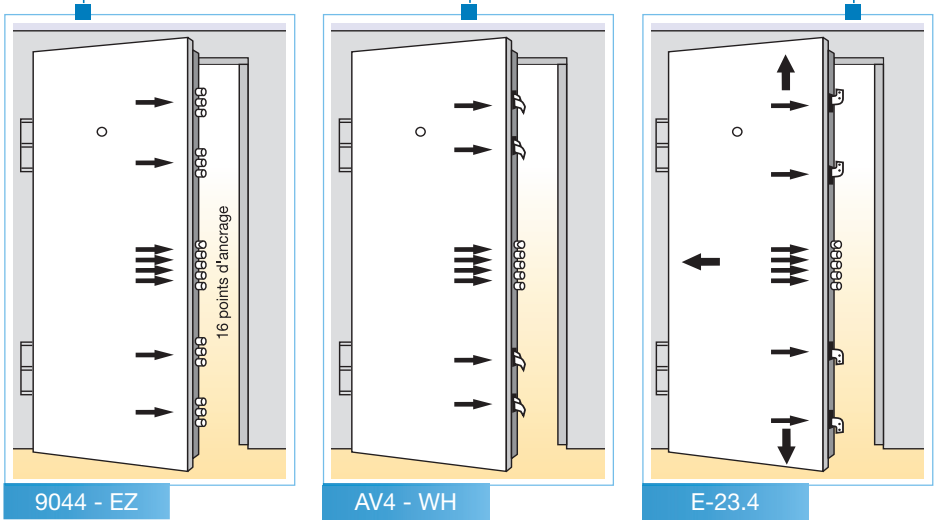


inox

inox gold

Fig. 4

Lock models



9044 - EZ

AV4 - WH

E-23.4

Locks

Mod. 9044

European cylinder lock (PZ - bit of 15) with reversible latch.

Central dead bolt made of 4 round steel bolts of Ø 16 mm, with two series of three cylindrical bolts of Ø 16 mm, at ± 645 mm towards the top and the bottom from the central housing and two other series at +/- 200 mm.
· Total: 16 round steel bolts.
· The stroke of this central element is 40 mm, 4 turns.

Backset: 70 mm; case size: 85 mm; follower: 8 mm.

U front stainless steel plate 25/10, 6+24+6 x 1910 mm.
· Eskurra escutcheon assembly.

Mod. AV4

European cylinder lock (PZ - bit of 15) with latch.

A central dead bolt of 20x35x8 mm.
· The stroke of this element is 20 mm, 1 turn.

Four releasable hooks of 21x35x10 mm.
· At ± 700 mm towards the top and towards the bottom from the central housing, and two at +/- 350 mm

Static or magnetic trigger.

As long as the lock is not locked with the key, it can be opened with the handle or an anti-panic bar.

Backset: 60 mm; case size: 92 mm; follower: 8 mm.

U front stainless steel plate 25/10, 8+24+8 x 2100 mm.
· DIN hardware fitting.

Mod. 23.4

European cylinder lock (10 teeth gear) and latch.
· Latch locked by sensor when the leaf is slammed.

Two additional hook deflectors at +/-700 mm, one towards the top and one towards the bottom from the central housing, and two at +/- 350 mm.

Central dead bolt formed by 4 anchoring points of Ø 18.
· The stroke of this element is 40 mm, 1 turn.

Deflection mechanism for the top, back and bottom.
Backset: 90 mm; case size: 85 mm; follower: 8 mm.

Square front stainless steel plate 40/10, 35 x 400 mm.

G-Block escutcheon assembly.

Class EI$_1$ 60

(*)

ensatec

ENAC ENSAYOS Nº 288 / LE 634

RESISTANCE TO FIRE

Classification Report

Report Nr:	243232.01	*Project Nr:*	PY16-0201	*Ref Nr:* MV67227
Date of issue	25/09/2017			
Accredited Body	Accredited Body to ENAC (National Accreditation) with the number 288/LE634			
Test Specimen	Type:	Steel swinging door single leaf with vision panel		
	Reference:	TURIA 1/12		
	Nominal Dimension:	1144 mm x 2397 mm		
Standard	UNE-EN 13501-2:2009 +A1:2010. Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services			
Applicant	ANDREU BARBERÁ C/ CIUDAD DE SEVILLA Nº 20 P.I. FUENTE DEL JARRO 46988 PATERNA VALENCIA			
Date/s of tests	Test Start Date:	11/04/2017		
	End Start Date:	11/04/2017		
CLASSIFICATION	EI$_1$ 60/ EI$_2$ 120			

Elena Malaina Bengoa
Department Director

This report cancels and replaces the number 243232 ENG according to ACR 2017-036

The result of this/these test/s only refers to the object/s tested.This document may not be partly reproduced without the express authorization of ENSATEC.

PY16-0201/ Document Nr 243232.01 ENG — Page 1 of 11

Ensatec S.L.U. Polígono Lentiscares. Avda. Lentiscares, nº 4-6 • 26370 Navarrete (La Rioja) • t. 941 250 466 t. 941 253 388 • www.ensatec.com

(*)

Certification
Technological Center

Campus de la UAB
Apt. Correos 18
08193 Bellaterra (Barcelona)
T 93 567 2000
F 93 567 2001
ctc@appluscorp.com
www.applusctc.com
www.appluscorp.com

Applus

ENAC ENSAYOS Nº 9/LE766

Bellaterra: 17 de junio de 2005
Expediente número: 5.024.540
Referencia peticionario: ANDREU BARBERÁ S.L.
Polígono Industrial Fuente del Jarro
C/ Ciudad de Sevilla, 20. Paterna
46988 VALÈNCIA

ENSAYO SOLICITADO: Medición en laboratorio del aislamiento acústico al ruido aéreo según la norma UNE-EN ISO 140-3:1995, de una puerta TURIA ACÚSTICA

FECHA DE REALIZACIÓN DEL ENSAYO: 9 de mayo de 2005

Índice global de reducción sonora ponderado A, R:	32,6 dBA
Índice ponderado de reducción sonora, R_w ($C_{100-5000}$; $C_{tr,100-5000}$):	35 (-2 ; -8) dB

LGAI Technological Center, S.A.

Xavier Costa i Guallar
Responsable de Acústica
LGAI Technological Center S.A.

LGAI Technological Center, S.A.

Pere Artís i Gabarró
Técnico Responsable
LGAI Technological Center S.A.

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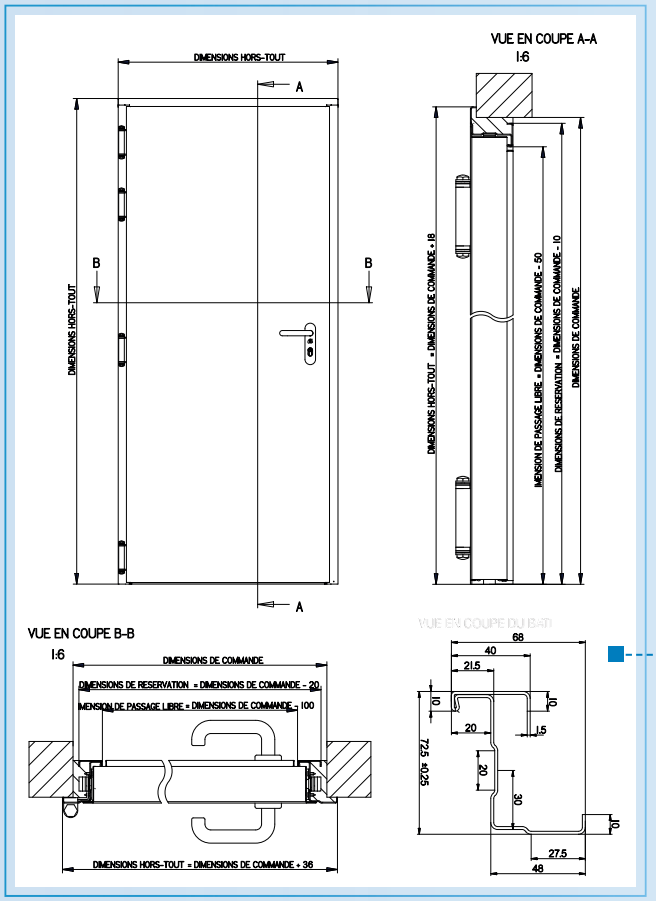
Este documento consta de 22 páginas de las cuales 15 son anexas. -página 1-

LGAI Technological Center S.A. CIF A-63207492



Door leaf scheme

G-Block
Metal door

Fire door with a metal leaf, meeting your needs.

One of the main concerns and obligations of Architects and Builders today is to design and build buildings that are increasingly safe and welcoming. Safety begins with prevention and an appropriate choice of products and materials; among them we find fire doors, fundamental to fight against the devastating force of a destructive element like fire. Therefore, current legal regulations establish the obligation to use fire doors in some places with the adequate capacity of fire resistance.

We develop increasingly advanced technological solutions. The Fire Doors family is the result of hard work and extensive experience in the manufacture of high quality metal doors.

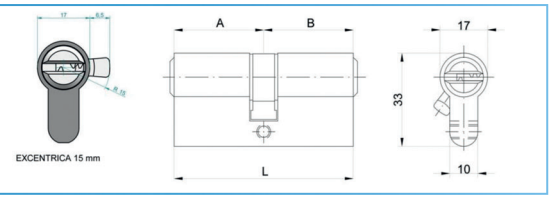
With respect to its resistance to fire, for the EI-60 classifications, the leaf is 73 mm thick and is built with three 8/10 thick sheets assembled without welding.

It has 4 hinges with its own design and a CE mark. Frame mounted on the L surface, ready to be installed with mortar, or by screwing it into a metal frame.

Latch

Hinge

Cilinder



Ei_1 60 dimensions:

Reference	800 x 2050 mm
Passage	700 x 2000 mm
Opening	780 x 2040 mm
Reference	800 x 2100 mm
Passage	700 x 2050 mm
Opening	780 x 2090 mm
Reference	800 x 2150 mm
Passage	700 x 2100 mm
Opening	780 x 2140 mm

Reference	900 x 2050 mm
Passage	800 x 2000 mm
Opening	880 x 2040 mm
Reference	900 x 2100 mm
Passage	800 x 2050 mm
Opening	880 x 2090 mm
Reference	900 x 21050 mm
Passage	800 x 2100 mm
Opening	880 x 2140 mm

Reference	1000 x 2050 mm
Passage	900 x 2000 mm
Opening	980 x 2040 mm
Reference	1000 x 2100 mm
Passage	900 x 2050 mm
Opening	980 x 2090 mm
Reference	1000 x 2150 mm
Passage	900 x 2100 mm
Opening	980 x 2140 mm

Reference	1100 x 2050 mm
Passage	1000 x 2000 mm
Opening	1080 x 2040 mm
Reference	1100 x 2100 mm
Passage	1000 x 2050 mm
Opening	1080 x 2090 mm
Reference	1100 x 2150 mm
Passage	1000 x 2100 mm
Opening	1080 x 2140 mm

Reference	1200 x 2050 mm
Passage	1100 x 2000 mm
Opening	1180 x 2040 mm
Reference	1200 x 2100 mm
Passage	1100 x 2050 mm
Opening	1180 x 2090 mm
Reference	1200 x 2150 mm
Passage	1100 x 2100 mm
Opening	1180 x 2140 mm

Class RF 1/2 h
"CEN 1634-11 and NBN 713-020"

(*)

BOSEC

CERTIFICAT

N° TCC 1 – 024/a

Nous certifions que la firme

G-BLOCK S.A.
Zoning Industriel de Ghislenghien
Chemin Preuscamps, 16
7822 GHISLENGHIEN

est autorisée à faire usage de la marque de conformité **BENOR-ATG** *sur les portes du type*

G-BLOCK E 10 Rf 1/2 h
(portes simples métalliques à recouvrement)

Par l'application de cette marque sur un élément de porte, la firme atteste que la porte est réalisée selon la description de l'agrément technique avec certificat BENOR-ATG n° 03/2187 G-BLOCK, avec un classement Rf ½ h selon la norme NBN 713 - 020.

Ce certificat a été délivré aux conditions prévues par le **BOSEC**

signé au nom de **BOSEC**
Bruxelles, le 25 août 2003
Le Secrétaire-général
M. Vandendoren

BOSEC Belgian Organisation for Security Certification (Association sans but lucratif)
Rue d'Arlon 15 B 1050 Bruxelles **tél:** 32.2.234.36.10 **fax:** 32.2.234.36.17
Le présent certificat ne peut être reproduit que dans son entièreté sans aucune surcharge

(*)

BOSEC

CERTIFICAAT

Nr TCC 1 – 024/a

Wij certifiëren dat de firma

G-BLOCK N.V.
Zoning Industriel de Ghislenghien
Chemin Preuscamps, 16
7822 GHISLENGHIEN

ertoe gemachtigd is gebruik te maken van het merk van overeenkomstigheid **BENOR-ATG** *op de deuren van het type*

G-BLOCK E 10 Rf 1/2 h
(enkele metalen opdekdeuren)

Door het aanbrengen van dit merk op een deurelement, verzekert de firma dat dit element vervaardigd werd overeenkomstig de beschrijving in de technische goedkeuring met certificaat BENOR-ATG nr. 03/2187 G-BLOCK met een Rf ½ h volgens de norm NBN 713 - 020.

Dit certificaat werd afgeleverd onder de door **BOSEC**

ondertekend namens **BOSEC**
Brussel, 25 augustus 2003
De Secretaris-generaal
M. Vandendoren

BOSEC Belgian Organisation for Security Certification (Vereniging zonder winstoogmerk)
Aarlenstraat 15 B 1050 Brussel **tél:** 32.2.234.36.10 **fax:** 32.2.234.36.17
Dit certificaat mag alleen in zijn geheel en zonder enige toevoeging gereproduceerd

(*)

BOSEC

CERTIFICAAT

Nr TCC 1 – 094

Wij certifiëren dat de firma

G-BLOCK n.v.
Chemin Preuscamps, 16
7822 GHISLENGHIEN

ertoe gemachtigd is gebruik te maken van het merk van overeenkomstigheid **BENOR-ATG** *op de deuren van het type*

G-BLOCK C-60
(Brandwerende enkele en dubbele metalen opdekdeuren Rf 1 h)

Door het aanbrengen van dit merk op een deurelement, verzekert de firma dat dit element vervaardigd werd overeenkomstig de beschrijving in de technische goedkeuring met certificaat BENOR-ATG nr. 05/2653 G-BLOCK C-60 met een Rf 1 h volgens de norm NBN 713 - 020.

Dit certificaat werd afgeleverd onder de door **BOSEC** *bepaalde voorwaarden*

ondertekend namens **BOSEC**
Brussel, 18 november 2005
De Secretaris-generaal
M. Vandendoren

BOSEC Belgian Organisation for Security Certification (Vereniging zonder winstoogmerk)
Aarlenstraat, 15 B 1050 Brussel **tél:** 32.2.234.36.10 **fax:** 32.2.234.36.17
Dit certificaat mag alleen in zijn geheel en zonder enige toevoeging gereproduceerd worden.

(*)

BOSEC

CERTIFICAT

N° TCC 1 – 094

…ifions que la firme

G-BLOCK s.a.
Chemin Preuscamps, 16
7822 GHISLENGHIEN

est autorisée à faire usage de la marque de conformité **BENOR-ATG** *sur les portes du type*

G-BLOCK C-60
(Portes résistant au feu, à recouvrement, simples et doubles, métalliques, Rf 1 h)

Par l'application de cette marque sur un élément de porte, la firme atteste que la porte est réalisée selon la description de l'agrément technique avec certificat BENOR-ATG n° 05/2653 G-BLOCK C-60, avec un classement Rf 1 h selon la norme NBN 713 - 020.

Ce certificat a été délivré aux conditions prévues par le **BOSEC**

signé au nom de **BOSEC**
Bruxelles, le 18 novembre 2005
Le Secrétaire-général
M. Vandendoren

BOSEC Belgian Organisation for Security Certification (Association sans but lucratif)
Aarlenstraat, 15 B 1050 Bruxelles **tél:** 32.2.234.36.10 **fax:** 32.2.234.36.17
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Class RF 1 h
"CEN 1634-11 and NBN 713-020"

G-Block
Metal door

1/2 and 1 hour fire resistance.

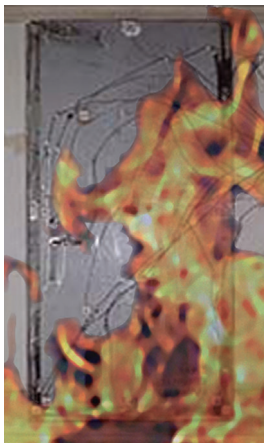
The experience we have acquired from manufacturing and installing our doors has enabled us to create new generations of fire resistant doors – C Series. This innovation enables us to meet most requirements for 30-minute to 1-hour fire resistant doors.

The G-Block fire-guard doors can be single or double, and are constructed according to your request, as they are made to measure. We can also include glazed sections, vents, peepholes, and various fixed or mobile sealing joints.

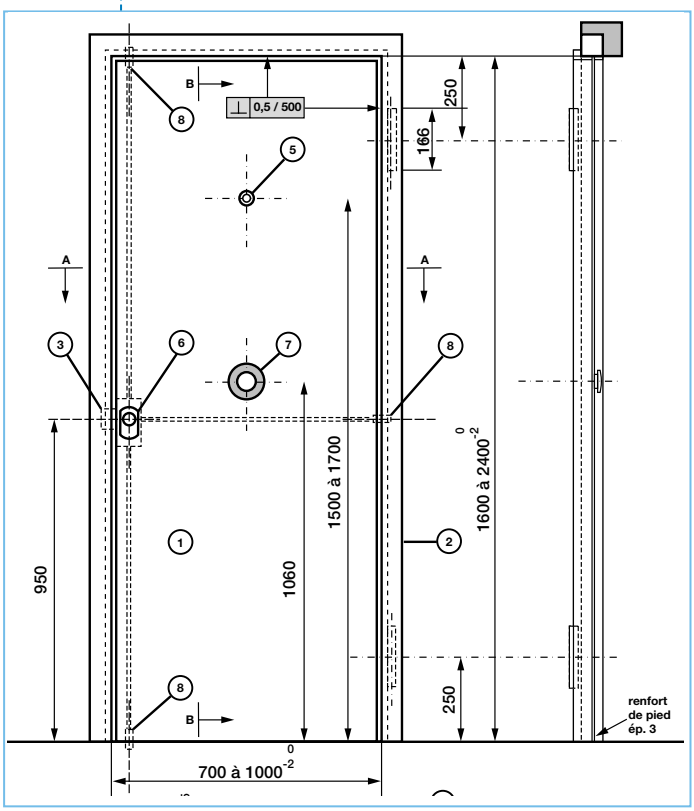
Several possibilities of locks and assembling, always dry.

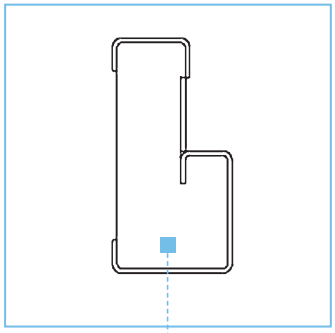
The door is robust by design, and the materials used are relatively light for this type of door.

MADE IN BELGIUM

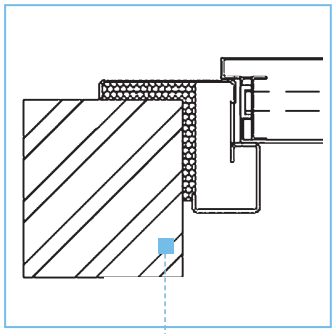


Door leaf scheme

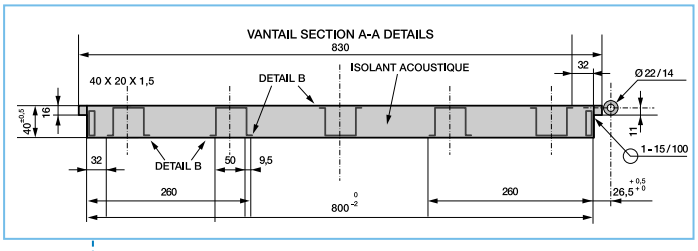


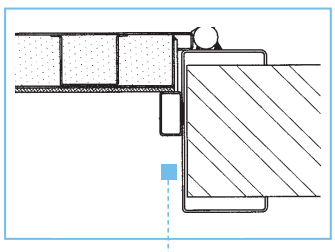


C30T C60T



C30L C60L





C30U

NBN 713.020 BENOR atg 2187 Rf 1/2h BOSEC

NBN 713.020 BENOR atg 2653 Rf 1h BOSEC

Series BR bulletproof

Series BR B certificate
"EN 1522"

(*)

ECOLE ROYALE MILITAIRE
CHAIRE SYSTÈMES D'ARMES ET BALISTIQUE

Le 05/03/01
No ABAL 04/048
Annexe(s) : 04/12

CERTIFICATION

Résistance de portes blindées

1. Firme : G – Block s.a.
   Chemin Preuscamps, 16
   B - 7822 GHISLENGHIEN
2. Produit : Porte blindée BRB T4
3. Laboratoire : Chaire systèmes d'armes et Balistique
   Ecole Royale Militaire
   Av. de la Renaissance, 30
   1000 Bruxelles
4. Date du test : 21/02/01
5. Le produit satisfait aux normes prEN 1522-1 - 1523-1 Classe FSG.

M. PIRLOT ir Dr.
Chargé de cours
Chef de Chaire

Avenue de la Renaissance, 30 1000 BRUXELLES • Tel : 02 / 737.63.34 • Fax : 02 / 737.63.22 • E-mail : marc.maldague@abal.rma.ac.be

(*)

KONINKLIJKE MILITAIRE SCHOOL
LEERSTOEL WAPENSYSTEMEN EN BALLISTIEK

De 05/03/01
Nr ABAL 04/048
Bijlage(n) : 08/12

CERTIFICAAT

Schietproeven op gepantserde deuren

1. Firma : G - Block
   Chemin Preuscamps
   B - 7822 GHISLANGHIEN
2. Materiaal : Gepantserde deur BRB U4
3. Laboratorium : Leerstoel Wapensystemen en Ballistiek
   Koninklijke Militaire School
   Renaissancelaan, 30
   1000 Brussel
4. Datum van de test : 21/02/01
5. Het materiaal beantwoordt aan de normen prEN 1522-1 en 1523-1 klasse FSG.

M. PIRLOT ir Dr.
Docent
Leerstoelhoofd

Renaissancelaan, 30 1000 BRUSSEL • Tel : 02 / 737.63.34 • Fax : 02 / 737.63.22 • E-mail : marc.maldague@abal.rma.ac.be

(*)

KONINKLIJKE MILITAIRE SCHOOL
LEERSTOEL WAPENSYSTEMEN EN BALLISTIEK

De 28/03/01
Nr ABAL 04/86
Bijlage(n) : 06/08

CERTIFICAAT

Schietproeven op een gepantserde deur

1. Firma : G-Block n.v.
   Chemin de Preuscamps, 16
   B - 7822 Ghislenghien
2. Materiaal : Gepantserde deur BRK
3. Laboratorium : Leerstoel Wapensystemen en Ballistiek
   Koninklijke Militaire School
   Renaissancelaan, 30
   1000 Brussel
4. Datum van de test : 13/03/01
5. Het materiaal beantwoordt aan de normen prEN 1522-1 - 1523-1 - Open klasse - NS.

M. PIRLOT ir Dr.
Docent
Leerstoelhoofd

Renaissancelaan, 30 1000 BRUSSEL • Tel : 02 / 737.63.34 • Fax : 02 / 737.63.22 • E-mail : marc.maldague@abal.rma.ac.be

(*)

ECOLE ROYALE MILITAIRE
CHAIRE SYSTÈMES D'ARMES ET BALISTIQUE

Le 28/03/01
No ABAL 04/86
Annexe(s) : 02/08

CERTIFICATION

Résistance d'une porte blindée

1. Firme : G-Block s.a.
   Chemin Preuscamps, 16
   B - 7822 Ghislenghien
2. Produit : Porte blindée BRK
3. Laboratoire : Chaire systèmes d'armes et Balistique
   Ecole Royale Militaire
   Av. de la Renaissance, 30
   1000 Bruxelles
4. Date du test : 13/03/01
5. Le produit satisfait aux normes prEN 1522-1 - 1523-1 - Classe ouverte - NS.

M. PIRLOT ir Dr.
Chargé de cours
Chef de Chaire

Avenue de la Renaissance, 30 1000 BRUXELLES • Tel : 02 / 737.63.34 • Fax : 02 / 737.63.22 • E-mail : marc.maldague@abal.rma.ac.be

Series BR K certificate
"EN 1522"

G-Block
Metal door

Series BR FB5 certificate “EN 1522”

(*)

ECOLE ROYALE MILITAIRE
DÉPARTEMENT DE SYSTÈMES D'ARMES ET BALISTIQUE

ABAL

28 octobre 2005

Annexe A : Rapport des essais de tirs N° ABAL-ES- 051025 / 1

1. Objet : Mise Mise à l'essai et classification de la résistance anti-balle d'une porte et cloison.
2. Client : G-Block s.a.
   Zoning industriel de Ghislenghien
   Chemin Preucamps , 16
   7822 Ghislenghien - Ath
   BELGIQUE
   Représenté par
   - Monsieur Monsieur GONZALEZ
3. Identification du vitrage :
   a. N° du client : BR-FB5
      N° ABAL : 05-043
4. Date des essais : 25/10/2005
5. Norme utilisée: EN 1522-15233 / FB5
6. Le rapport comprend 1 résultat des tirs et 1 attestation de résistance établie en français.
7. Nous désirons attirer votre attention sur le fait suivant : la vitesse du projectile mesurée par nos soins peut occasionnellement se trouver hors de la plage prescrite dans la norme précisée au point 5 ci-dessus. Cette non-conformité, indépendante de notre volonté, provient de l'imprécision du système d'arme utilisé. Nous constatons avec satisfaction que cela n'a pas porté à conséquence puisque tous les échantillons ont résisté.
8. Nous tenons à préciser que les résultats qui suivent ne concernent que l'échantillon référencé ci-dessus.
9. Ce rapport d'essai ne peut être reproduit, sinon en entier, sans l'autorisation écrite du laboratoire.

B. KESTELYN	M. MALDAGUE	M. PIRLOT
Lieutenant ir	Commandant ir	Professeur Dr. ir
Responsable technique	Coordinateur de la qualité	Directeur technique

Avenue de la Renaissance 30, 1000 BRUXELLES • Tel : 02 / 737.63.34 • Fax : 02 / 737.63.22 • E-mail : bernard.kestelyn@rma.ac.be
Organisme agréé par le SPF Economie, PME, Classes moyennes et Energie selon l'Art 18 de la directive 89/106/EEC sur les produits de construction. N° : 1172
rganisme accrédité par le Ministère de l'Economie selon les critères de la norme ISO 17025 pour les essais de résistance anti-balle de produits verriers. N° : 334-T
Organisme membre de l'association VPAM (Vereinigung der Prüfstellen für angriffshemmende Materialien und Konstruktionen)

G-Block has obtained several ballistic resistance certifications, according to the European standard 1522. These tests were all carried out at the Royal Military School of Belgium, by the chair of weapons systems and ballistics. These certifications cover the most common weapons and classifications required mainly by the banking sector and administrations.

Series BR B

Doors designed to protect private individuals and local shops from armed, minor vandalism.

EN 1522-1 and 1523-1 Standards, FSG classes.

Series BR K

BRK Bullet-proof doors, mainly required by the banking sector, tested for resisting to the Kalashnikov.

EN 1522-1 and 1523-1 Standards, open classes.

Series BR FB5

This series represents the resistant leaf structure that can meet the requirements of institutions that run the risk of armed attack.

EN 1522 – 15233 / FB5 Standard.

Series BR FB6

Leaf designed against highly perforating bullets.

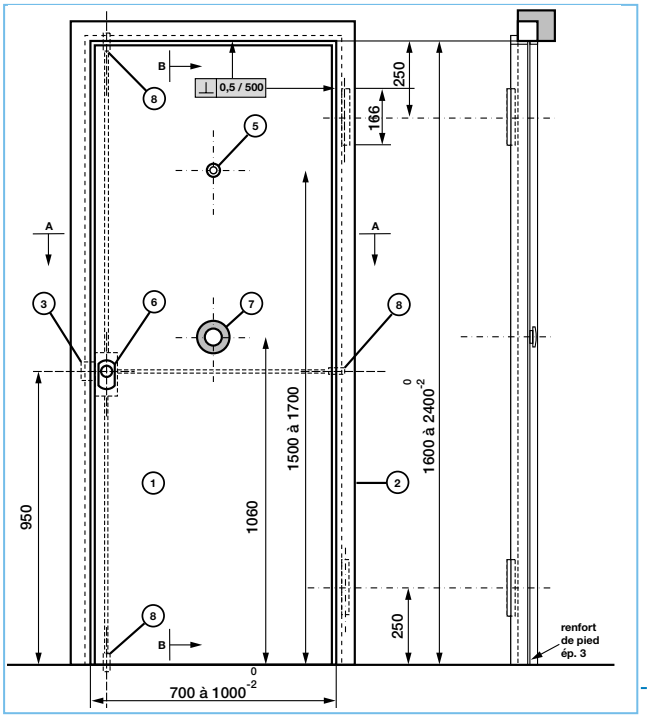
EN 1522 – 15233 / FB6 Standard.

Series BR FB7

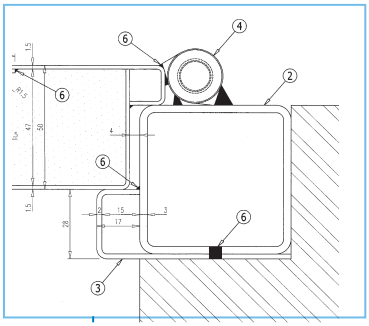
Leaf designed against highly perforating bullets, fired by weapons of the type 3 Cal.7.62 × 51 NATO Armor Piercing.

Norm EN 1522 – 15233 / FB7.

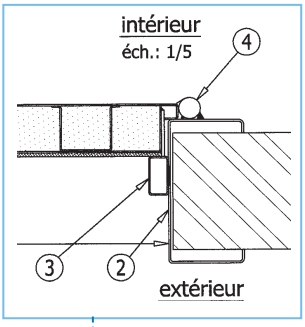
MADE IN BELGIUM



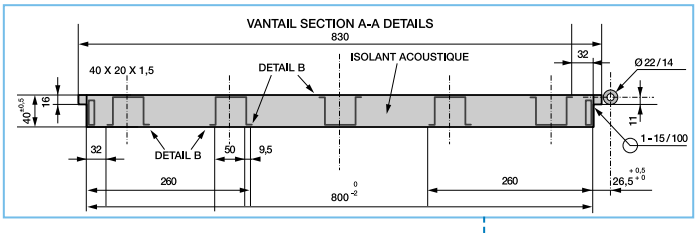
Door leaf scheme



Tubular frame



U shaped



Door leaf

Certificate

(*)

CENTRE SCIENTIFIQUE ET TECHNIQUE DE LA CONSTRUCTION

ETABLISSEMENT RECONNU PAR APPLICATION DE L'ARRETE-LOI DU 30 JANVIER 1947

BELTEST 054-T NBN-EN-ISO/IEC 17025

- Station expérimentale : B-1342 Limelette, Avenue P. Holoffe, 21 — Tél : (32) 2 655 77 11 — Fax : (32) 2 653 07 29
- Bureaux : B-1932 Sint-Stevens-Woluwe, Lozenberg 7 — Tél : (32) 2 716 42 11 — Fax : (32) 2 725 32 12
- Siège social : B-1000 Bruxelles, Rue du Lombard 42 — Tél : (32) 2 502 66 90 — Fax : (32) 2 502 81 80

TVA n°: BE 407.695.057 www.bbri.be

LABORATOIRE ACOUSTIQUE (AC)

RAPPORT D'ESSAIS N° AC 4188

Demandeur: G-BLOCK, Z.I., Chemin Preuscamps, 16, B-7822 GHISLENGHIEN, Belgium

Personnes contactées : **Demandeur:** S. Gonzalez — **CSTC - WTCB - BBRI - WTB** M. Van Damme

Essais effectués: Mesure de l'indice d'affaiblissement acoustique R d'un élément de bâtiment

Nom Produit: G-Block : Porte métallique.

Normes de référence :
EN ISO 140-3: 1995 Acoustics – Measurement of sound insulation in buildings and of building elements – Part 3: Laboratory measurements of airborne sound insulation of building elements (ISO 140-3:1995)
EN ISO 717-1: 1996 Acoustics-Rating of sound insulation in buildings and of building elements – Part 1: Airborne sound insulation (ISO 717-1:1996)

Date et référence de la demande:	24-05-06	N° DE 631xA444
Date de réception de(des) échantillon(s):	14-06-06	N° Echantillon: 2006-24-012
Date de l'essai:	14-06-06	
Date d'établissement du rapport:	15-06-06	

☐ Pas d'échantillon
☐ Echantillon(s) ayant subi un essai destructif
☒ Echantillon(s) évacué(s) de nos laboratoires 10 jours calendriers après l'envoi du rapport, sauf demande écrite de la part du demandeur

L'ingénieur responsable des essais, ing. M. Van Damme — Le technicien principal, P. Huart — C.S.T.C. W.T.C.B. AC — Le chef de laboratoire, ir. B. Ingelaere

Collaborateur: /

(*)

s.a. G-Block n.v.

Zoning industriel de Ghislenghien
16, Chemin Preuscamps +
B-7822 Ghislenghien (Ath) Attestation des performances énergétique
Belgium selon la norme NBN B 62-002
tél.: 32 (0)68/26.66.10
fax.: 32 (0)68/26.66.19
www.G-Block.be + +
Ghislenghien, 05/2010
Notre réf.: dt/the/1005/S/11

Fiche de calcule de U (W/m²K)
Portes métalliques G-Block

Ces calculs ont été établis sur les bases suivantes :
- Vantail métallique plein composé de deux tôles électro-zinguées de 15/10 (faces intérieure et extérieur), avec âme en laine de roche 55 mm (λ=0.04)
  - Epaisseur du vantail 60 mm.
  - Largeur de la baie 1,1 m.
  - Hauteur de la baie 2.1 m.
  - Jeux cumulé entre l'huisserie et le vantail : 8 mm.
- Norme NBN B 62-002

Valeurs :
U_f = 2.48 W/m²K (portes en métal non isolées)
U_p = 0.65 W/m²K (laine de roche)
A_{tot} = 2,1 x 1,1 = 2,31 m² (surface total)
A_p = 1,19 m² (surface vantail)
A_f = 1.12 m² (surface encadrement)

Calculs :

$$U_w = (U_f \times A_f + U_p \times A_p) / A_{tot}$$

U_w = 1,563 W/m²K

Coefficient de transmission thermique de la porte suivant la norme NBN N 62-002
Cette valeur est inférieure à 2.9 W/m²K (référence de ka performance énergétique du bâtiment en Wallonie).
T.V.A. BE-0448.569.867 - Entr. 08/20/0/1 - R.C.Tournai 78.832 - IBAN BE68 2100 6851 9034

Fig. 3 inox

Fig. 3 gold

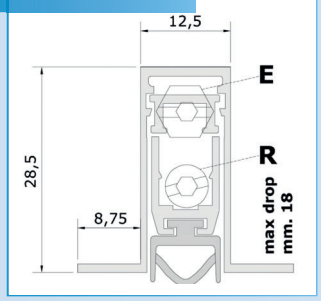
inox gold

Fig. 5

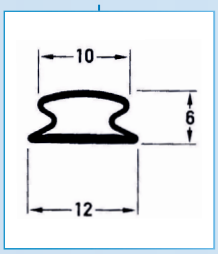
Fig. 4

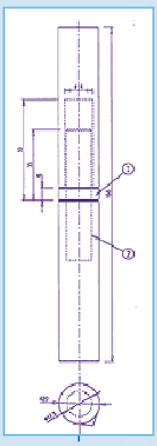
Cisa panic exit device

Drop down seals



Seals





Rotating element

Ball bearings

Hinge

G-Block Metal door

Steel doors of simple and light design, adaptable to all types of construction.

Sound attenuation by the CSTC that meets the EN ISO 140-3 and 717-1 standards Rw = 42 dB.

Door leaf

Door with one or two steel leaves, with covering on three sides, ±60 mm in thickness, consisting of a solid, double-wall panel, made of two zinc plated steel sheets with a thickness of 15/10 per leaf. The internal insulation consists of high density rock wool.

Frame

U-shaped with wall head covering.

A frame that sandwiches the wall head will be used for most interior doors. The frame is made of zinc plated steel sheets with a thickness of 20/10. It is screwed to the bay with at least three screws per stile.

A 40x20x1.5 mm tubular strip is riveted onto the frame, and conceals the light that enters between the leaf and the frame on the non-hinged side.

Tubular frame.

When the wall has a door rabbet, the most suited solution is a tubular frame housed in the interior space of the bay. This type of frame is made of tube sections of minimum 60x60x3.

The strip is obtained from cold-bent, zincplated sheets and a 20/10 section.

Rotating element

The leaves are suspended from the frame by means of at least two welded steel hinges with an exterior diameter of 20 mm, they are mounted on ball bearings for great inertia and can open up to 180°. They are moreover designed so that the axle cannot be driven out.

Locks

Locks Mod. 113, 700B, 214.

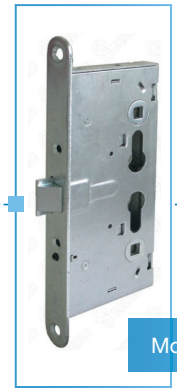
Finish

All our doors at the exit of our workshops are pre-painted in white, Ral 9010.

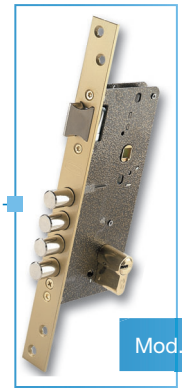
On demand we can paint in stuctured liquid "M" RAL or we can cover them with vinyl wood look or fantasy, to define.

For other finishes please visit our website.

Mod. 113

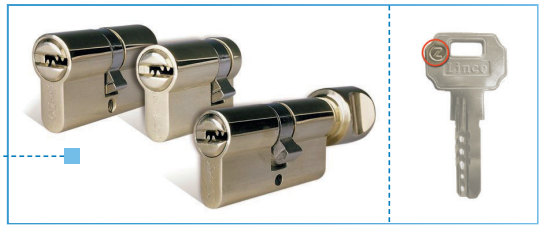


Mod. 214



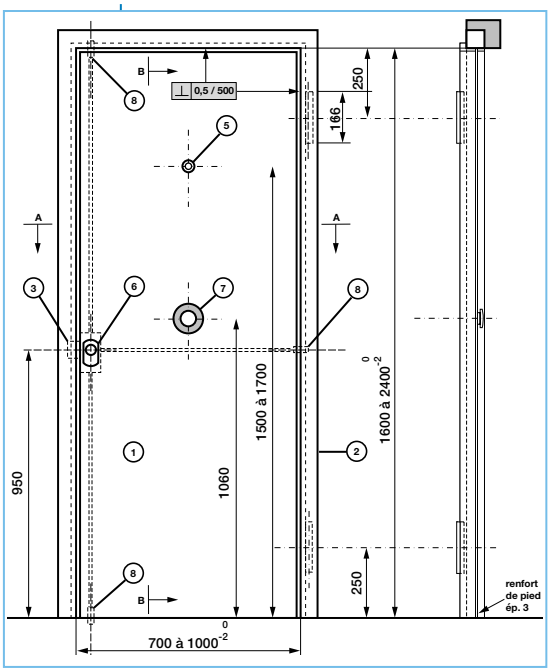
Mod. 700B

Locks

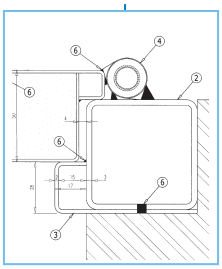


C2 cilinder

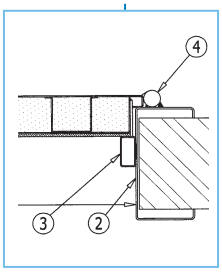
Scheme

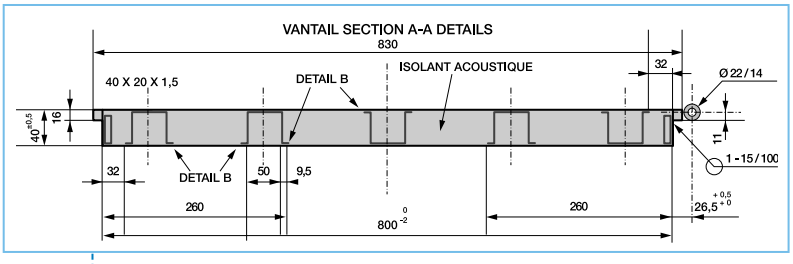


Tubular frame



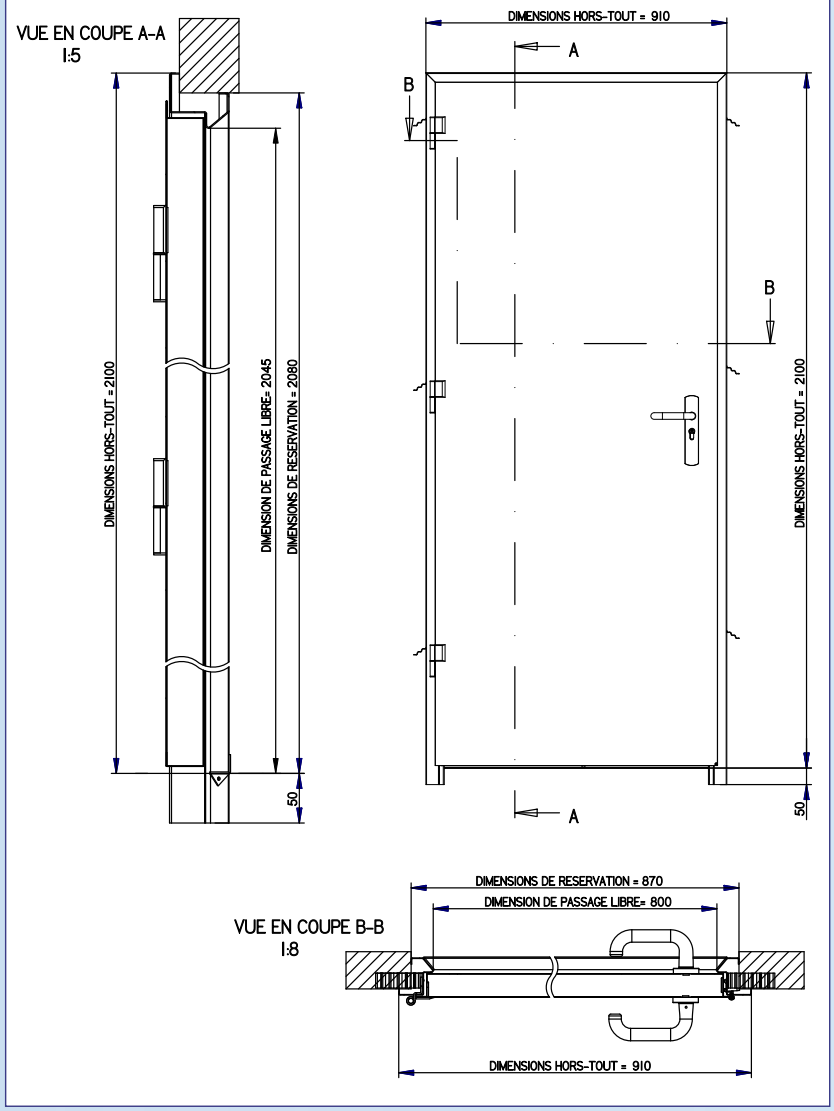
U shaped





Door leaf

Door leaf scheme



AN BD dimensions:

Reference	**690 x 1990 mm**
Passage	600 x 1945 mm
Opening	670 x 1980 mm
Reference	**690 x 2090 mm**
Passage	600 x 2045 mm
Opening	670 x 2080 mm
Reference	**790 x 1990 mm**
Passage	700 x 1945 mm
Opening	770 x 1980 mm
Reference	**790 x 2090 mm**
Passage	700 x 2045 mm
Opening	770 x 2080 mm
Reference	**890 x 1990 mm**
Passage	800 x 1945 mm
Opening	870 x 1980 mm
Reference	**890 x 2090 mm**
Passage	800 x 2045 mm
Opening	870 x 2080 mm
Reference	**990 x 1990 mm**
Passage	900 x 1945 mm
Opening	970 x 1980 mm
Reference	**990 x 2090 mm**
Passage	900 x 2045 mm
Opening	970 x 2080 mm
Reference	**1090 x 1990 mm**
Passage	1000 x 1945 mm
Opening	1070 x 1980 mm
Reference	**1090 x 2090 mm**
Passage	1000 x 2045 mm
Opening	1070 x 2080 mm
Reference	**1190 x 1990 mm**
Passage	1100 x 1945 mm
Opening	1170 x 1980 mm
Reference	**1190 x 2090 mm**
Passage	1100 x 2045 mm
Opening	1170 x 2080 mm

G-Block Metal door

Simple galvanized metal door or construction site.

Description of the elements included:

Door with one with covering on three sides, ± 38 mm in thickness, consisting of a solid, double-wall panel, made of two zinc plated steel sheets with a thickness of 5/10 galva,ized sheets per leaf. The internal insulation consists of polyurethane.

The frame is in galvanized sheet of 15/10 L-shaped Mod. CS4.

Minimum 2 hinges Ø 14 mm.

Recessed lock 4010 for throwing and sleeping (2 turns).

European cylinder with a bit of brass.

Set of black nylon crutches.

Adjustable frame option for construction site:

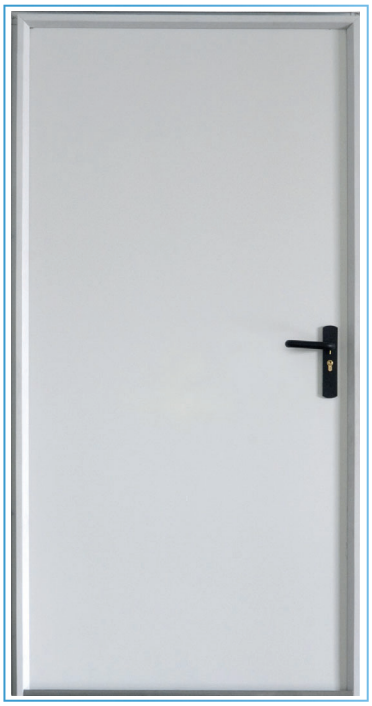
Light metal door with adjustable frame at the bay.

Simple protection for theft and vandalism on construction sites.

This fast and inexpensive installation solution allows you to protect the material that is still mobile or any other damage, to avoid the extra costs and delays that these situations may cause.

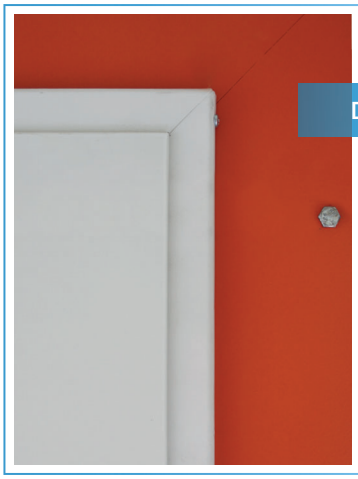
Finish

White, Ral 9010 or Galva.

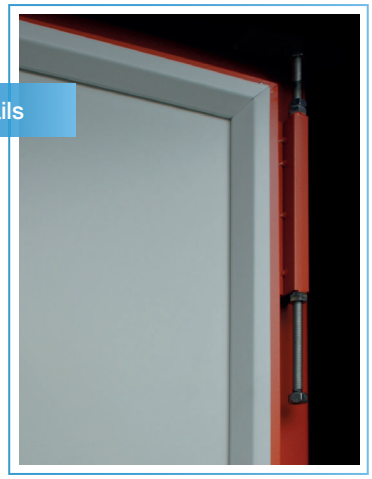


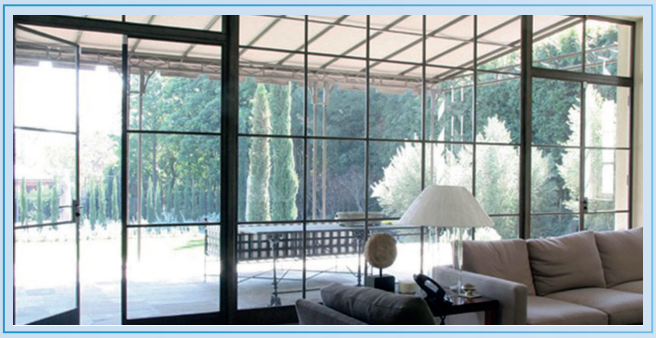
Latch

Hinge



Details





Details

Sober design inside door.

A series of doors of simple design but high performance, with extensive potential for adapting to your requirements.

Door leaf

A metal door with one or two leaves and cover on one side, in 45x45 tube, without transom, all to glaze.

Frame

This type of frame is made from tubes of minimum 50x20 section. It is screwed to the bay at least by two screws per upright. The number, the location and the type of fixing are being chosen by the installer who will adapt at the best to the masonry. The listel is obtained by electro-galvanized cold folded sheets and a section of 20/10. The listel hides the day, on the no hinge side, which is between the door leaf and the frame.

Rotating element

The leaves are suspended from the frame by means of at least two welded steel hinges with an exterior diameter of 20 mm, they are mounted on ball bearings for great inertia and can open up to 180°. They are moreover designed so that the axle cannot be driven out.

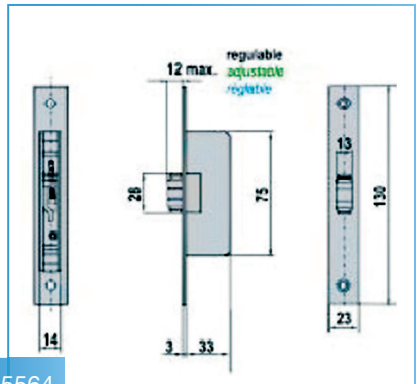
Finish

All our doors at the exit of our workshops are pre-painted in white, Ral 9010.
On demand we can paint in stuctured liquid "M" RAL to define.

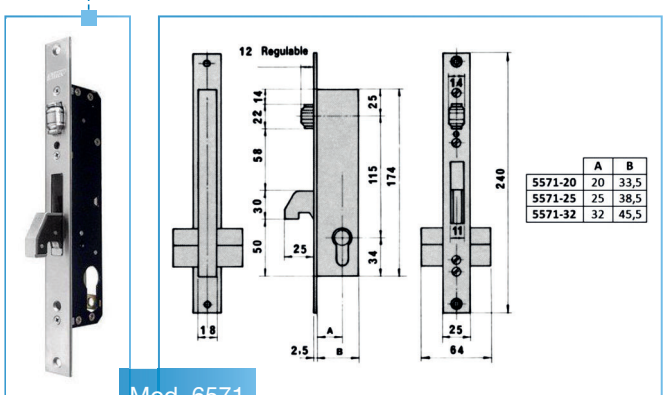
MADE IN BELGIUM

C2 cilinder

Lock

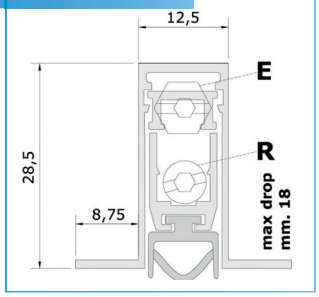


Mod. 5564

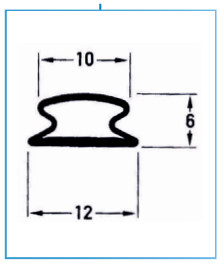


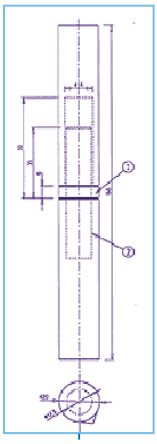
Mod. 6571

Drop down seals



Seals



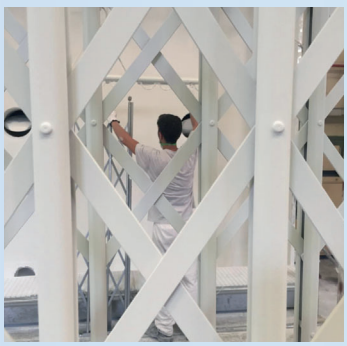


Ball bearings

Hinge

Rotating element

Retractable grids



G-Block
Metal door

Retractable iron-gates.

The use of first class materials has a direct influence on the making and finishing of our iron-gates. That is the reason why we are able to offer a first rate quality-price.

Ideal to protect and decorate homes and working places. We offer you the choice of your gate colour fitting the most with the whole to enable the best harmony between security and aesthetics.

Suitable for every type of building our retractable iron-gates are ideal for quick closing of internal as well as external accesses and from either side of the gate.

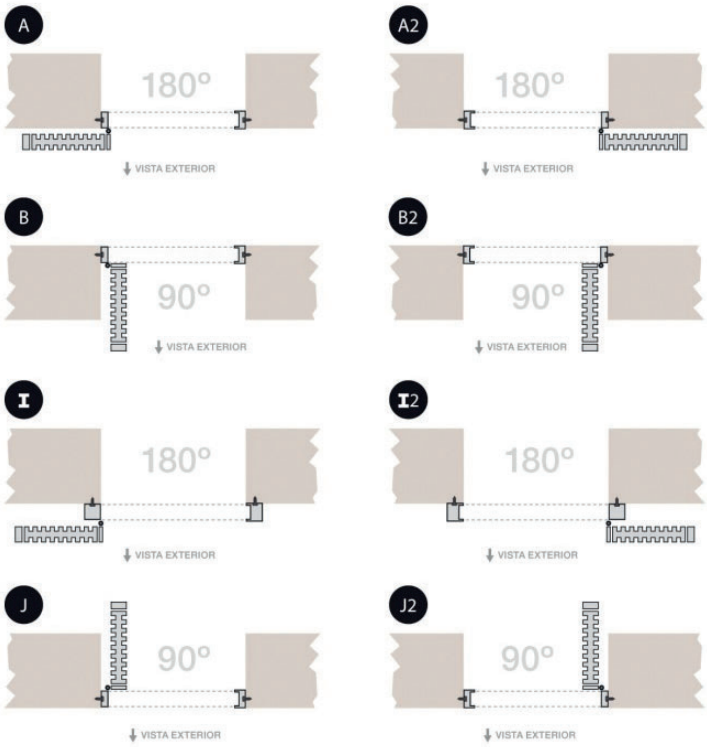
- Top bearings mounted on ball bearings.
- Periphery of leaf and of frame in 50x25x 1.5 mm tube.
- Top guide in 40+50+40 x 2 mm open tube.
- Bottom guide in “U.”.
- Basic profile of 20+ 20+20 mm.
- Finishing: lacquered or zinc-plated (in gold or silver colour).
- Lock with 2 anchoring points, flat steel, 40x5 mm.
- Cylinder with safety thimble.
- Straight cross bars of 18 x 3 mm.

Finish

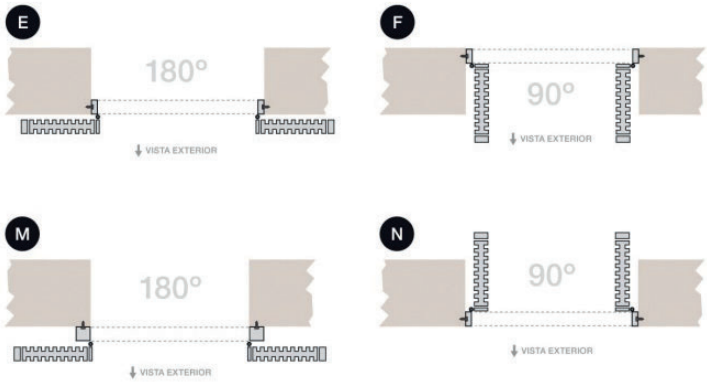
Standard color White 9010 or silver. Other RAL colors, see the tables below.

Leaves:

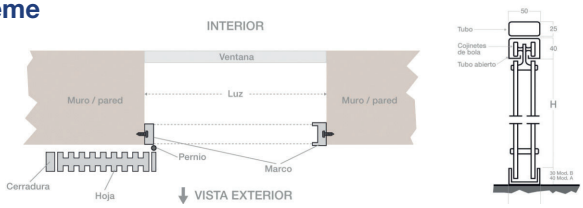
One leaf



Two leaves



Scheme



Color	RAL	
Oyster white	1013	
Light ivory	1015	
Flame red	3000	
Red wine	3005	
Gentian blue	5010	
Cobalt blue	5013	
Leaf green	6002	
Mass green	6005	
Fir green	6009	
Iron grey	7011	
Balsal grey	7012	
Umbra grey	7022	
Light grey	7035	
Dusty grey	7037	
Sepia brown	8014	
Brown chocolate	8017	
Brown grey	8019	
Graphite black	9011	

The RAL colors shown in this table are indicative.

40-1


40-2

40-3


40-4


40-5


40-6


40-7


40-8

40-9

(*) Some certificates have been slightly modified, in order to facilitate their reading!

01/2020

G-Block
Metal door

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info@G-Block.be - www.G-Block.be