

Co306

HIGH SECURITY LOCK WITH 3 + 1 LOCKING POINTS

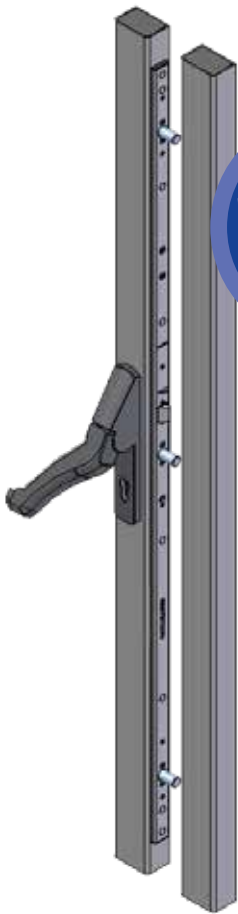
High security lock with automatic mechanical reclosing system, CE certification according to EN 1125 (combined to anti-panic push bar) and EN 179 (combined to handle). Burglar proof of grade 7 according to EN 12209 and prEN 15685.



Co306

HIGH SECURITY LOCK WITH 3 + 1 LOCKING POINTS

automatic reclosing system and burglar proof grade 7 certification according to EN 12209 and prEN 15685.



Requirements for escape-routes

UNI EN 1125:2008 - CE 3 7 7 0 1 4 2 1 A B

altissima resistenza alla corrosione - resistance to the corrosion
per porte oltre i 200 kg. - for doors over the 200 kg.
uso intensivo 200.000 cicli - intensive use 200.000 cycles
sicurezza sui beni - security

Requirements for burglar proof resistance

UNI EN 12209 - CE

sicurezza sui beni - security

Requirements for burglar proof resistance

prEN 15685 - CE

sicurezza sui beni - security

High Security Lock with 3 + 1 locking points

automatic mechanical reclosing system

Totally made of steel, high resistance cylindrical bolts, central draught pin and 5 internal sensors (for real-time monitoring).

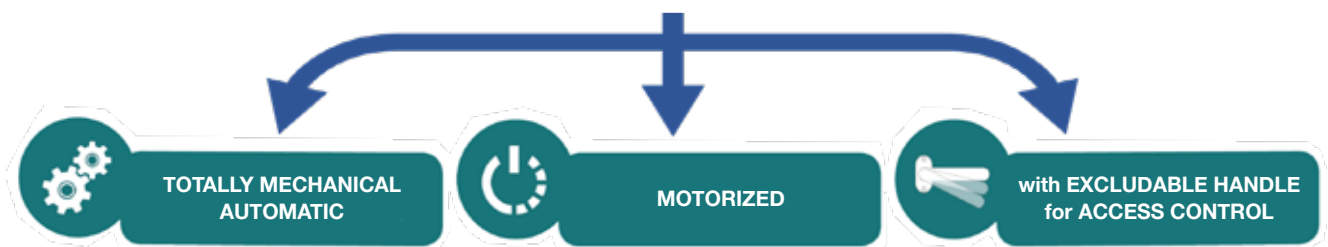
It can be combined to: **handle** (according to EN179) or **anti-panic push bar** (EN1125).



High Security Lock for Emergency Exits

Certified according to UNI EN 1125 (anti-panic devices for emergency exits) in combination with push bar or handle and classified on security top level (grade 7) according to EN 12209 and prEN 15685 (mono-point Locks & Multi-points Locks burglar proof standards).

**Available in 3 versions,
(different kind of unlocking system)**



USING Co306 ON EMERGENCY EXIT

On Emergency Exit, the unlocking action from the internal side (protected) is always granted by the presence of the handle or the anti-panic push bar. On the external side, it is possible to unlock the Co306 by:

- European security cylinder
- Excludable handle (in *idle* mode, it can be activated by remote command, console, web, ect.)
- Motorized, lock opening/closing by remote command

Co306

EMERGENCY EXIT SECURITY LOCK

with automatic reclosing system and opening/closing real-time monitoring.



FEATURES OF THE MECHANICAL Co306

[A] N. 3 cylindrical bolts (made of M340 steel). The bolts release (door closing) always happens automatically, without any manual operation.

[A2] Mechanical defense block, it prevents latches from receding when they are attacked with axially directed forces

[B] Latch for bolts release (automatic door closing)

[C] Central draught pin (steel)

[D] Aluminium or steel "U" shaped front plate

[E] Containment boxes in stainless steel AISI 316

[F] Internal parts in tropicalized steel

[G] Internal sensors with the following functions:

[G1] Door alignment

[G2] Status of locked bolts

[G3] Door opening by cylinder

[G4] Door opening from internal side

[G5] Door opening from external side

[H] Handle or Push Bar adapter for door opening from inside

[I] Handle adapter for door opening from outside by electrical command

[L] European cylinder for external key opening



FEATURES OF THE MOTORIZED Co306

The Co306IM (motorized) has all the features of the standard Co306 (as above) with the addition of:

[M] Internal motorization and control electronic board, they allows remotely opening/closing commands:

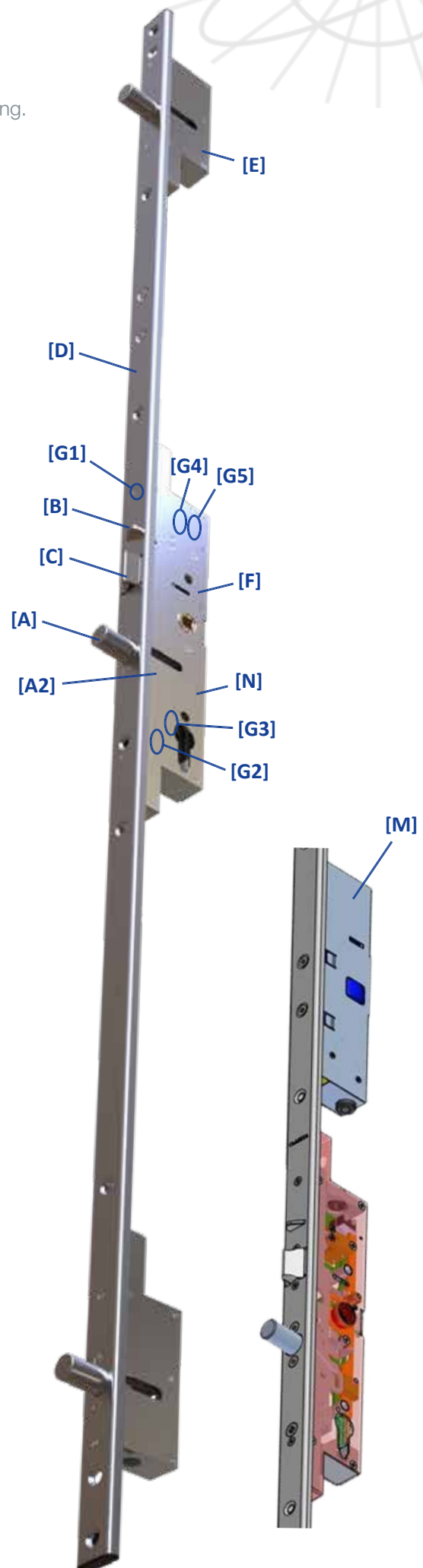
- The "opening" command will automatically unlock the bolts
- The "closing" command will automatically push the bolts out and lock the door, but it will happens only if/when the strikeplate is aligned to the door frame



FEATURES OF THE Co306 WITH EXCLUDABLE HANDLE

The Co306IE (with excludable handle) has an internal mechanism for the exclusion system management, thanks to which the handle is normally disabled (*idle* mode), it will be enabled when it will receive an electrical command. The exclusion system is needed **for any kind of Access Control application where the security is mandatory. The door opening from external side can be enabled only by remote command** (console, access control system, web, etc.).

[N] Internal mechanism for handle exclusion.



BURGLAR-PROOF FEATURES

HIGH SECURITY LOCK Co306

a guarantee of high quality product & top burglar-proof level



Cylindrical Bolts

- **N. 3 bolts**
- **Made of hardened steel M340**
- **Bolt stroke 25 mm**
- **Bolt diameter 15 mm**
- **Resistant to drilling and cutting**
- **Horizontal translation movement:** it impedes attacks with vertical movements from bottom to top and viceversa, weak point of the other tilting mechanisms.
- **Locked Bolts Stopper:** when Bolts are locked, a mechanical block prevents them from retreating when attacked with axially directed forces.



we are
your
security



Central draught pin

- **Made of steel**



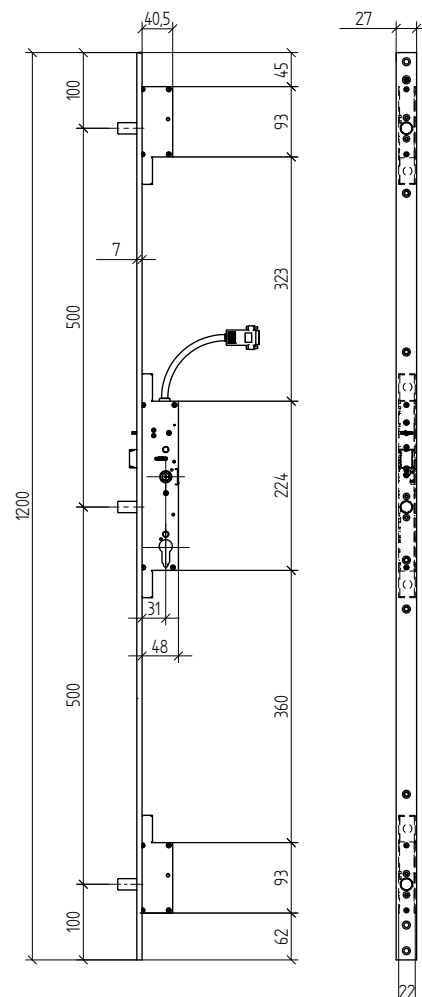
“U” shaped front plate

- **Made of aluminium or steel**



Dimensions

Total height:	1200 mm
Front plate width:	27 mm
Lock body width:	22 mm
Max embed:	48 mm



Co306 FOR EXTERNAL APPLICATIONS ON EXISTING DOORS

lock can be mounted on the door with a simple kit



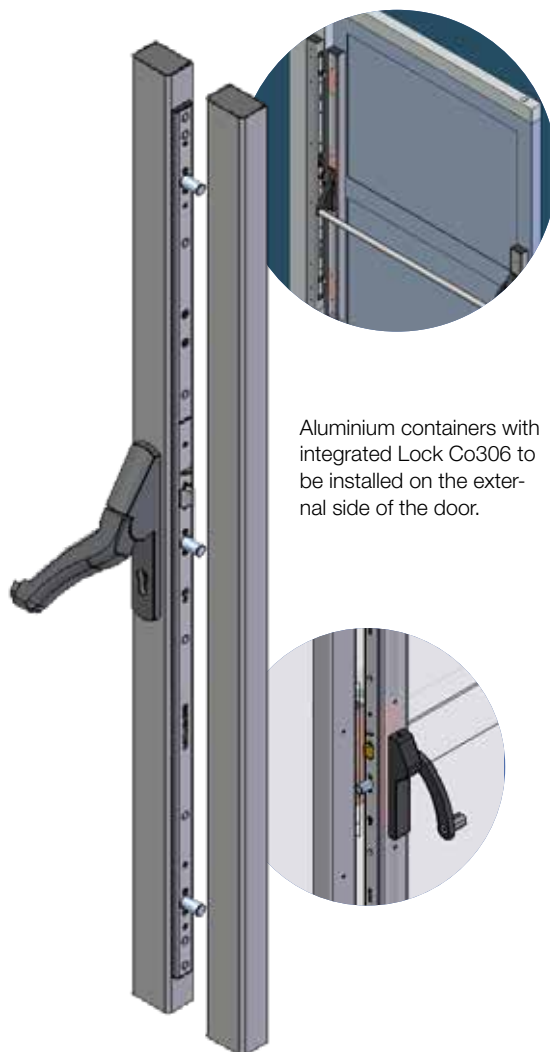
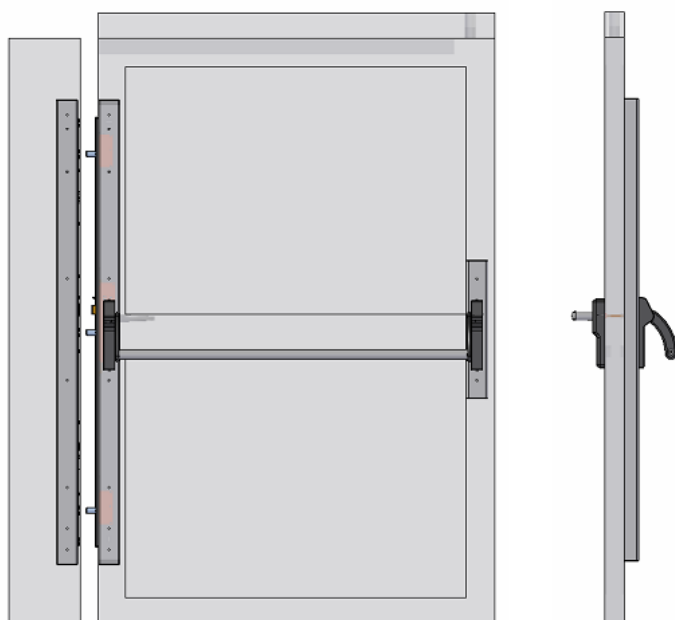
External application

In order to solve the problems related to existing doors on which it is no longer possible to install recessed locks, CoMETA designed a special external Lock application in combination with anti-panic push bar.

KIT Co306.APP

Installation benefits:

- Easier installation
- Easier adjustment of clearance and distance between the lock front and the strikeplate
- Increased stability and reliability of the system on compromised doors (altered by time)



Aluminium containers with integrated Lock Co306 to be installed on the external side of the door.

The KIT consists of 2 aluminium profiles with a section of W 60mm and D40 mm, to be installed on the existing door (one on the frame and the other on the door leaf).



ANTI-PANIC PUSH BAR

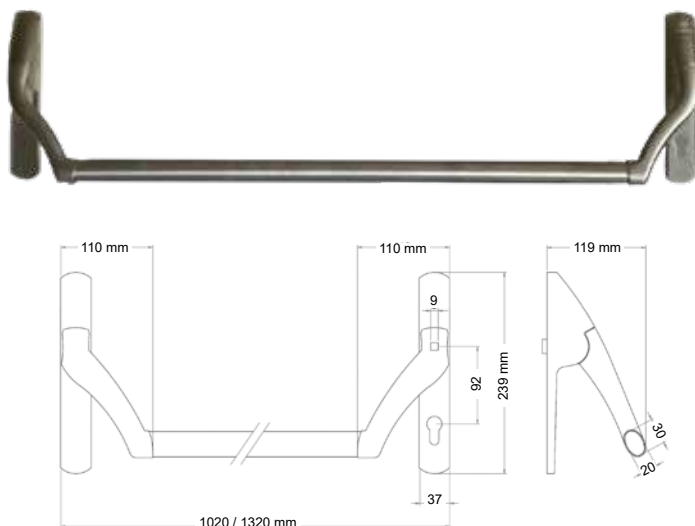
Co3M3

in combination with the Lock Co301 or Co306.



Certified Push Bar

To maintain the UNI EN 1125 certification, the Co306 lock (3 + 1 points of locking points) or Co301 (with 1 + 1 locking points) must always be combined with the Co3M3 push bar.



Co3M3 è equipaggiato con un meccanismo di azionamento progettato in conformità alla norma EN1125 e offre la massima affidabilità, sicurezza e affidabilità nel tempo confermata anche dalla certificazione rilasciata da ente terzo (Istituto Giordano).

Maniglione dal design moderno con linee smussate. Prodotto solido garantito dai materiali utilizzati per realizzarlo (completamente in acciaio, non sono presenti elementi plastici). Finitura INOX, rappresenta la soluzione ideale anche in ambienti di prestigio per uscite di emergenza moderne e dall'estetica accattivante. Co3M3 garantisce elevate prestazioni.

HANDLE

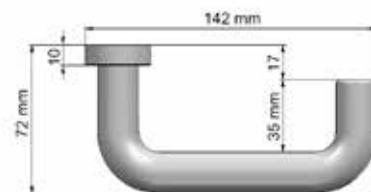
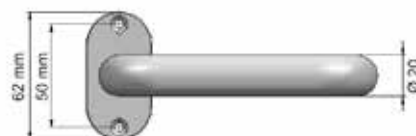
CYM1M01036

compliant to EN 179 standard, in combination with the Lock Co301 or Co306.



Certified Handle

To maintain the UNI EN 179 certification, the Co306 lock (3 + 1 points of locking points) or Co301 (with 1 + 1 locking points) must always be combined with the handle CYM1M01036.



The big record numbers

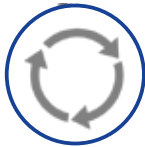
DATA GUARANTEED BY PRODUCT TESTS AND CERTIFICATIONS

according to different standards: EN 1125, EN 12209, prEN 15685.



Certified Security Lock according to **UNI EN 1125**

for escape-route anti-panic devices



GRADE 7

Durability: 200.000 cycles (maximum grade).



GRADE 3

Category of use: for places with more than 25 people.



GRADE 4

Corrosion resistance: 240 hours of highest resistance (maximum grade).



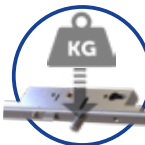
GRADE 7

Door weight: over 200 Kg (maximum grade). The Co306 goes further, supporting up to 300 Kg.



Certified Security Lock according to **UNI EN 12209 and prEN 15685**

burglar proof top level performance



GRADE 7

Resistance to axial load, with burglary attempt: 600 Kg on each cylinder.



GRADE 7

Resistance to attacks with drill: 10 minuti



GRADE 7

Resistance to lateral load, with burglary attempt: 1000 Kg on each cylinder.



GRADE 7

Security: maximum grade.



Automatic re-locking mechanical system

All the Security Locks Co306 have an internal special mechanism that allows a solid automatic mechanical reclosing system. The closing bolts are automatically released when the door leaf aligns to the door frame.



The Locks Co306 are equipped with a special mechanism that ensures **the automatic mechanical re-locking**. The bolts release (door locking) is always automatic, without any manual action. When the door aligns to the door frame, the three cylindrical steel bolts automatically go out.





Thanks to 5 internal sensors, the Lock Co306 can also give a **real-time monitoring about its own performance** (door alignment, status of locked bolts, door opening from inside, from outside by cylinder, from outside by handle, etc.). Information is displayed on the control panel or by a third part Access Control System.

A special Lock: top level requirements in opposing standards. EN1125 requires guarantee for exit performance while EN12209 and prEN15685 require burglar-proof security (on entrance).

Table

HIGH SECURITY LOCKS Co301 AND Co306

in combination to anti-panic push bar Co3M3 or handle CYM1M01036.

Product	Code	Details	Variants	Devices for door opening from internal side		Devices for door opening from external side		
				Handle CYM1M01036 compliance EN 179*	Push bar Co3M3 compliance EN 1125**	Mechanical Key	Handle (with exclusion system)	Electronic Contact (i.e. Key Dallas)
	CO301IDX11HPC0U	Co301 version with 1 + 1 locking points, base version . Totally mechanical, with internal monitoring sensors.	DX right hand	✓	✓	✓		
	CO301ISX11HPC0U		SX left hand	✓	✓	✓		
	CO301IED11HPC2U	Co301 version with 1 + 1 locking points, with internal exclusion system on external side handle (for Access Control).	DX right hand	✓	✓	✓	✓	✓***
	CO301IES11HPC2U		SX left hand	✓	✓	✓	✓	✓***
	CO301IMD11HRC2U	Co301 version with 1 + 1 locking points, motorized with integrated electronics for Access Control and remotely opening/closing commands.	DX right hand	✓	✓	✓		✓
	CO301IMS11HRC2U		SX left hand	✓	✓	✓		✓
	CO306IDX11HPC0U	Co306 version with 3 + 1 locking points, base version . Totally mechanical, with internal monitoring sensors.	DX right hand	✓	✓	✓		
	CO306ISX11HPC0U		SX left hand	✓	✓	✓		
	CO306IED11HPC2U	Co306 version with 3 + 1 locking points, with internal exclusion system on external side handle (for Access Control).	DX right hand	✓	✓	✓	✓	✓***
	CO306IES11HPC2U		SX left hand	✓	✓	✓	✓	✓***
	CO306IMD11HRC2U	Co306 version with 3 + 1 locking points, motorized with integrated electronics for Access Control and remotely opening/closing commands.	DX right hand	✓	✓	✓		✓
	CO306IMS11HRC2U		SX left hand	✓	✓	✓		✓

(*) Compliant to UNI EN 179 - According to Italian D.M. 3 nov. 2004: in public places (open to the public) the door can be used by less than 10 people. In private places (not open to the public) the door can be used by more than 9 and less than 26 people.

(**) Compliant to UNI EN1125 - According to Italian D.M. 3 nov. 2004: in public places (open to the public) the door can be used by more than 9 people. In private places (not open to the public) the door can be used by more than 25 people.

(***) The electronic contact enables the external handle system that can be used for door opening.

Table

ACCESSORIES FOR Co301 AND Co306

Product	Code	Details	Variants
Aluminium container	CO301APPDX.001	Container in gold anodized aluminium, for external mounting on the existing door, consisting of 2 tubulars (60*40 mm), one for the lock and one for the strikeplate. For Co301 Lock with 1 + 1 locking points.	DX right hand
	CO301APPSX.001		SX left hand
	CO306APPDX.001	Container in gold anodized aluminium, for external mounting on the existing door, consisting of 2 tubulars (60*40 mm), one for the lock and one for the strikeplate. For Co306 Lock with 3 + 1 locking points.	DX right hand
	CO306APPSX.001		SX left hand
Handle	CYM1M01036	Handle with stainless steel finishing, reversible (complete with internal handle, external). EN179 certified in combination with Co306 or Co301.	
Push bar	Co3M3	Anti-panic push bar with stainless steel finishing, EN1125 certified in combination with Co301 or Co306 Lock.	

Certification / Certificazione

Certification of Performance according to EN1125.

Certificato di Costanza della Prestazione secondo la normativa EN1125.

Certified by
**ISTITUTO
GIORDANO**



ISTITUTO GIORDANO

CE ORGANISMO NOTIFICATO N. 0407

CERTIFICATO DI COSTANZA DELLA PRESTAZIONE

0407-CPR-119 (IG-043-2007)

In conformità al Regolamento 305/2011/UE del Parlamento Europeo e del Consiglio del 9 marzo 2011 (Regolamento Prodotti da Costruzione o CPR), questo certificato si applica ai prodotti da costruzione

ACCESSORI PER SERRAMENTI - DISPOSITIVI PER USCITE DI SICUREZZA

identificati come indicato in allegato

immessi sul mercato da

COMETA S.p.A.

Via Leonardo Da Vinci, 116 - 50028 TAVARNELLE VAL DI PESA (FI) - Italia

e prodotti nello stabilimento

Via Leonardo Da Vinci, 116 - 50028 TAVARNELLE VAL DI PESA (FI) - Italia

Il presente certificato attesta che tutte le disposizioni riguardanti la valutazione e la verifica della costanza della prestazione secondo il sistema 1 e le prestazioni definite nell'Allegato ZA delle norme

EN 1125:2008, EN 179:2008

sono applicate e che

i prodotti sopra indicati ottemperano a tutti i requisiti prescritti.

Il presente certificato è stato emesso la prima volta in data 28/02/2007 e rimarrà valido sino a che le norme armonizzate rimangano valide o le condizioni di produzione in fabbrica o il suo controllo di produzione non subiscano modifiche significative.

Bellaria-Igea Marina - Italia, 22/11/2018

Revisione n. 11 ⁽¹⁾

Il Direttore Tecnico della Sezione CPD
(Dott. Ing. Giuseppe Persano Adorno)

L'originale del presente documento è costituito da un documento informatico, firmato digitalmente ai sensi della Legislazione Italiana applicabile.

L'Amministratore Delegato
(Dott. Arch. Sara Lorenza Giordano)

Firmato digitalmente da SARA LORENZA GIORDANO

Foglio 1 di 3

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ORGANISMO NOTIFICATO CE N. 0407

ALLEGATO AL CERTIFICATO

0407-CPR-119 (IG-043-2007)

Revisione n. 11 del 22/11/2018

Identificazione dei prodotti	Codice dispositivo di emergenza testato: "Co306IDX11HPC0U"									
	Codice Maniglia: "CYM1M01036" Codici famiglie di serrature: Co306IDX - Co306ISX - Co306PDX - Co306PSX - Co306IED - Co306IES Co301IDX - Co301ISX - Co301PDX - Co301PSX - Co301IED - Co301IES Co306IMD - Co306IMS - Co306PMD - Co306PMS - Co306PED - Co306PES Co301IMD - Co301IMS - Co301PMD - Co301PMS - Co301PED - Co301PES									
Classificazione	3	7	6	0	1	4	5	2	A	B
	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°

La classificazione viene attribuita sulla base delle prove di tipo di cui al rapporto di prova n. 338448/10271/CPR emesso in data 30/11/2016 da Istituto Giordano S.p.A., le cifre sopraindicate hanno il significato indicato nel seguente prospetto.

Carattere	Caratteristica	Valori possibili
1°	Categoria d'uso	– grado 3: uso molto frequente con scarsa propensione a prestare attenzione, cioè quando vi sia la possibilità di incidente e di uso improprio
2°	Durata	– grado 6: 100000 cicli – grado 7: 200000 cicli
3°	Massa della porta	– grado 5: fino a 100 kg – grado 6: fino a 200 kg – grado 7: superiore a 200 kg
4°	Resistenza al fuoco	– grado 0: non approvato per uso su porte tagliafuoco/tagliafumo – grado A: adatto all'uso su porte tagliafumo - in base ai requisiti del punto B.1 – grado B: idoneo all'uso su porte tagliafuoco/tagliafumo in base ad una prova in conformità alla EN 1634-1
5°	Sicurezza per le persone	– grado 1: tutti i dispositivi di emergenza svolgono un'importante funzione di sicurezza per le persone, pertanto ai fini della norma europea UNI EN 179:2008 viene identificato soltanto il grado massimo
6°	Resistenza alla corrosione	– grado 3: 96 h (alta resistenza) – grado 4: 240 h (altissima resistenza)
7°	Sicurezza per i beni	– grado 2: 1000 N – grado 3: 2000 N – grado 4: 3000 N – grado 5: 5000 N
8°	Sporgenza dell'elemento di azionamento	– categoria 1: sporgenza fino a 150 mm (sporgenza maggiorata) – categoria 2: sporgenza fino a 100 mm (sporgenza tipica)
9°	Tipo di azionamento	– tipo A: dispositivo di emergenza con azionamento mediante "maniglia a leva" – tipo B: dispositivo di emergenza con azionamento mediante "piastra a spinta"
10°	Campo di applicazione della porta	– categoria A: porta di uscita ad un'anta con apertura verso l'esterno, porta a due ante: anta attiva o passiva – categoria B: solo porta di uscita ad un'anta con apertura verso l'esterno – categoria C: porta di uscita a due ante con apertura verso l'esterno: solo anta passiva – categoria D: solo porta di uscita ad un'anta con apertura verso l'interno

Foglio 2 di 3

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Registro Imprese di Rimini n. 00 549 540 409

RAPPORTO DI PROVA N. 310421

Luogo e data di emissione: Bellaria-Igea Marina - Italia, 31/10/2013

Committente: COMETA S.p.A. - Via Leonardo Da Vinci, 116 - 50028 TAVARNELLE VAL DI
PESA (FI) - Italia

Data della richiesta della prova: 23/10/2013

Numero e data della commessa: 61154, 24/10/2013

Data del ricevimento del campione: 12/07/2013

Data dell'esecuzione della prova: dal 18/07/2013 al 23/07/2013

Oggetto della prova: Prove meccaniche parziali di qualifica di serrature secondo la norma
UNI EN 12209:2005

Luogo della prova: Istituto Giordano S.p.A. - Via Erbosa, 72 - 47043 Gatteo (FC) - Italia

Provenienza del campione: campionato e fornito dal Committente

Identificazione del campione in accettazione: n. 2013/1433 e n. 2013/1528

Denominazione del campione*.

Il campione sottoposto a prova è denominato "CO306".

(*) secondo le dichiarazioni del Committente.

Comp. MB
Revis. PB

Il presente rapporto di prova è composto da n. 10 fogli.

Foglio
n. 1 di 10

CLAUSOLE: il presente documento si riferisce solamente al campione o materiale sottoposto a prova e non può essere riprodotto parzialmente, salvo approvazione scritta dell'Istituto Giordano.



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