# CATALOGUE X1/X2



FRAMELESS IS MORE





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### TECHNICAL INFORMATION

#### **HARDWARE**

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### UNIVERSAL

## **SYSTEMS**

The X1 and X2 aluminium door systems allow you to install a door flush into the wall. The systems can be used in multiple wall types with different wall thicknesses and finishes.

Interior doors often have to meet a whole range of requirements.

Just think of public buildings, schools, retirement homes,...

The X2 system offers numerous solutions without having to compromise on aesthetics.

Besides standard systems, our range also includes systems for: heavy, very high/wide, acoustic, smoke-resistant and fire-resistant doors.

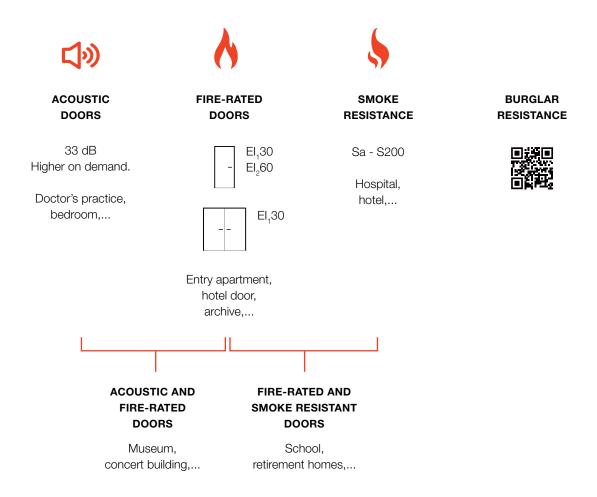






Certificate: EN 1191: Resistance to repeated opening and closing - 200.000 cycles.

## **CERTIFICATES**





#### EN 1191

Resistance to repeated opening and closing - 200.000 cycles.

### NBN EN ISO 10140-2: 2010 - 717-1: 2013

Acoustic testing with laboratory measurement of sound insulation completed.



#### EN 1634-1:2008

European Standard fire resistance testing fulfilled.

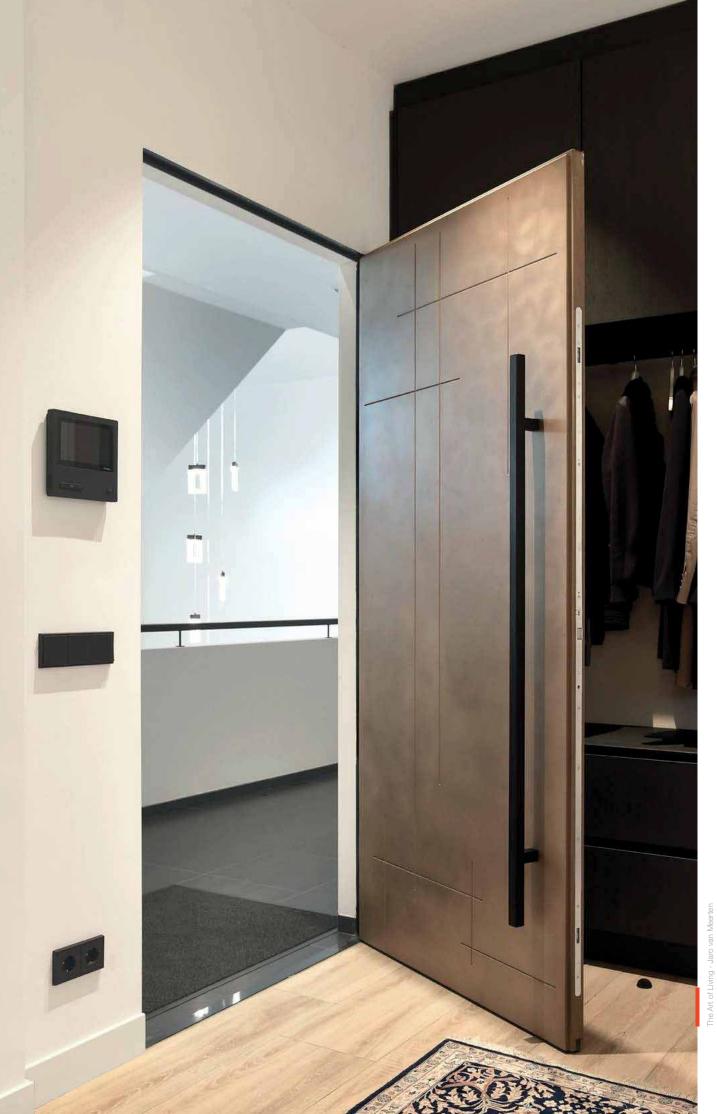


#### EN 13501-2:2016

Fire resistance and smoke control test requirements fulfilled.

Xinnix Door Systems has passed Gyproc ® Saint-Gobain Group Anti-Cracking testing.

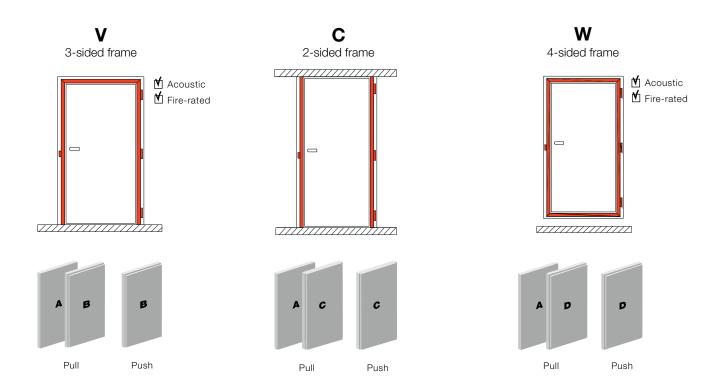


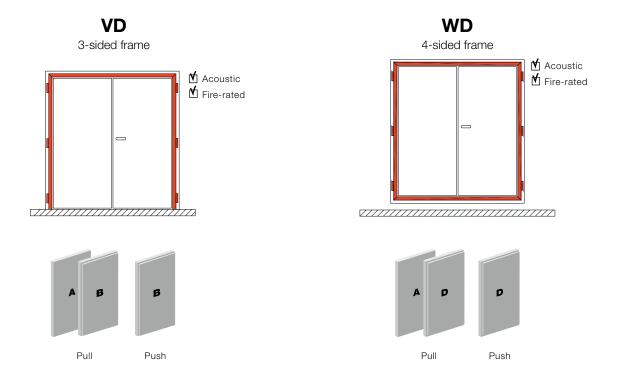






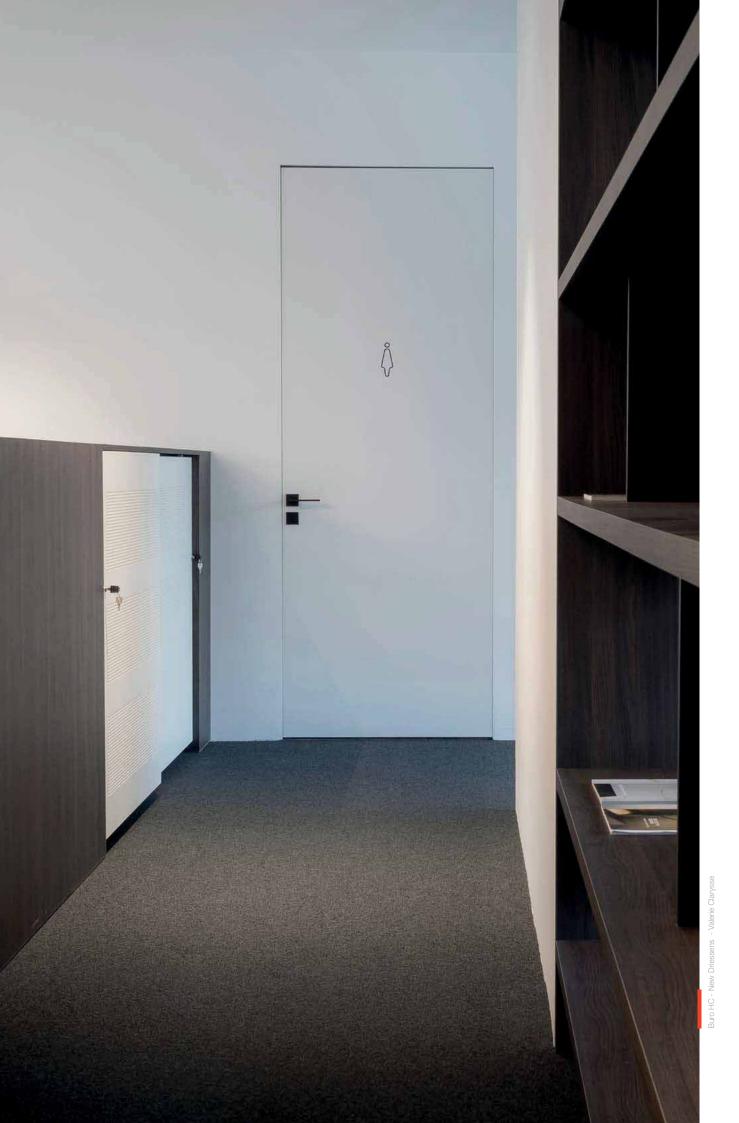
## **FRAME TYPE**





For more information, please view our milling plans.







#### Wp: width door leaf

Systems in stock for door leaf widths: 630/680/710/726/730/780/810/826/830/880/910/930/980/1030 mm. Pick a width of your own choosing, maximum 1230 mm or 1069 mm for a fire-rated version.

#### Hp: height door leaf

Systems in stock for door leaf heights: 1972/2015/2040/2115/2315/2410 mm.

Pick a height of your own choosing, maximum 3500 mm or 3001 mm for a fire-rated version.

#### Vo: lower ventilation

Systems in stock: 3 mm.

You can change the lower ventilation when ordering a made to measure system (see drawing on the next page).

#### Vb: upper ventilation

Systems in stock: 3 mm.

You can change the upper ventilation when ordering a made to measure system (see drawing on the next page).

#### Vneg: ventilation under floor level

Systems in stock: 0 mm.

Use this ventilation for an installation below floor level (see drawing on the next page).

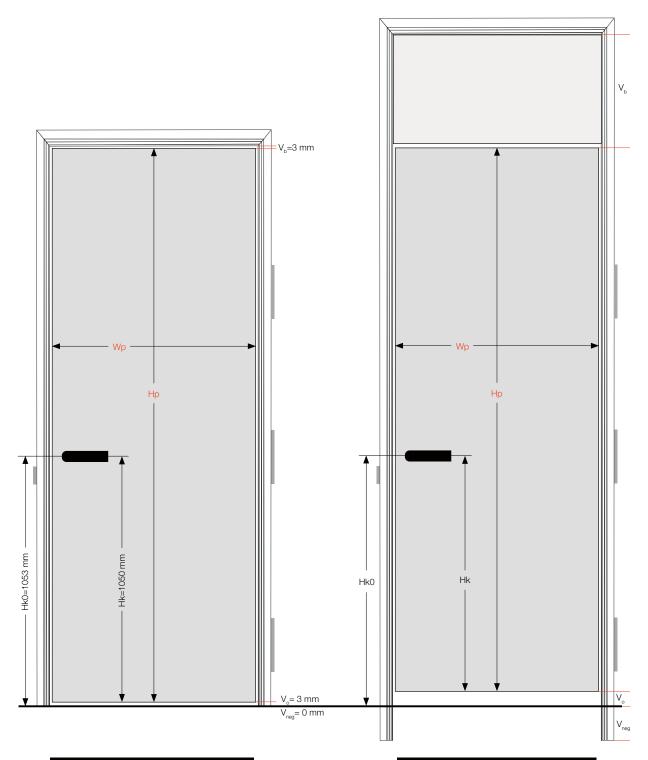
#### Hk: height handle on door

Systems in stock: 1050 mm.

You can change this dimension on special request.

#### Hk0: height handle floor level

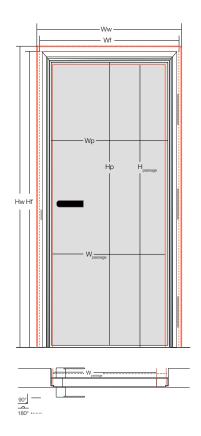
Systems in stock: 1053 mm. Depends on Hk and Vo.

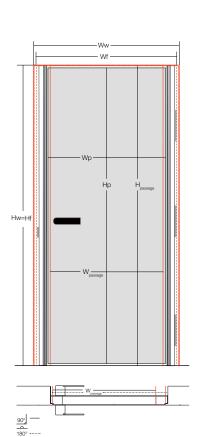


Stock items - standard dimensions

Made to measure - variables

# **CONSTRUCTION SIZES**







Heigh	t	₩ A24	₩ TE340
Нр	height door leaf	Hw - 35	Hw - 35
Hf	height frame	Hp + 26,5	Hp + 26,5
Hw	height construction	Hp + 35	Hp + 35
H <sub>passage</sub>	height passage	Hp - 10	Hp - 10

Width		H A24	<b>H</b> TE340
Wp	width door leaf	Ww - 70	Ww - 85
Wf	width frame	Wp + 55	Wp + 70
Ww	width construction	Wp + 70	Wp + 85
W <sub>passage</sub>	width passage*	Wp - 20	Wp - 20

<sup>\*</sup> opening 180°,



Heigh	t	₩ A24	## TE340
Нр	height door leaf	Hw - 6	Hw - 6
Hf	height frame	Hp + 6	Hp + 6
Hw	height construction	Hp + 6	Hp +6
H	height passage	Hp + 6	Hp + 6

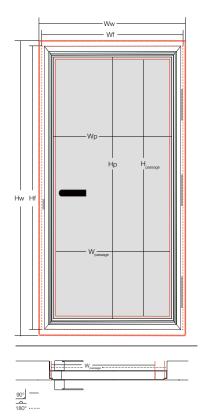
Width		H A24	₩ TE340
Wp	width door leaf	Ww - 70	Ww - 85
Wf	width frame	Wp + 55	Wp + 70
Ww	width construction	Wp + 70	Wp + 85
W	width passage*	Wp - 20	Wp - 20

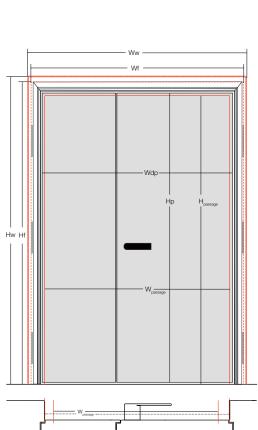
<sup>\*</sup> opening 180°,

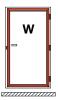
opening 90° without handle  $W_{\mbox{\tiny passage}}$  - door leaf thickness

opening 90° without handle  $\mathbf{W}_{\text{\tiny passage}}$  - door leaf thickness









Heigh	İ	A24	₩ TE340
Нр	height door leaf	Hw - 70	Hw - 70
Hf	height frame	Hp + 53	Hp + 53
Hw	height construction	Hp + 70	Hp + 70
H	height passage	Hp - 20	Hp - 20

Width		H A24	₩ TE340
Wp	width door leaf	Ww - 70	Ww - 85
Wf	width frame	Wp + 55	Wp + 70
Ww	width construction	Wp + 70	Wp + 85
W <sub>passage</sub>	width passage*	Wp - 20	Wp - 20

<sup>\*</sup> opening 180°,

opening 90° without handle  $W_{\mbox{\tiny passage}}$  - door leaf thickness

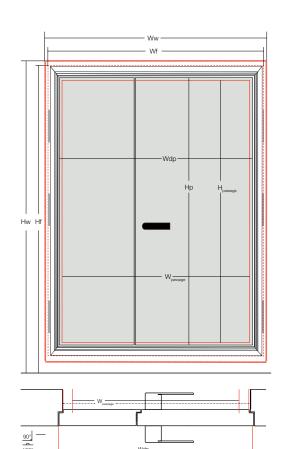


Heigh	t	<b>₽</b> A24	<b>H</b> TE340
Нр	height door leaf	Hw - 35	Hw - 35
Hf	height frame	Hp + 26,5	Hp + 26,5
Hw	height construction	Hp + 35	Hp + 35
H <sub>passage</sub>	height passage	Hp - 10	Hp - 10

Width	Width		₩ TE340
vvidui		₩ A24	12040
Wdp	width double door leaf	Ww - 70	Ww - 85
Wf	width frame	Wdp + 57	Wp + 70
Ww	width construction	Wdp + 70	Wp + 85
W <sub>passage</sub>	width passage*	Wdp - 20	Wp - 20

<sup>\*</sup> opening 180°,

opening 90° without handle  $W_{\mbox{\tiny passage}}$  - door leaf thickness



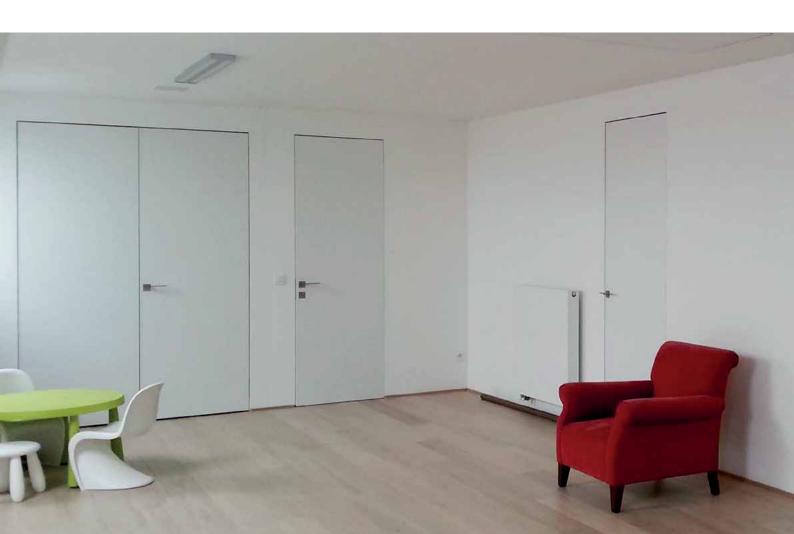


Heigh	t	<b>H</b> A24	₩ TE340
Нр	height door leaf	Hw - 70	Hw - 70
Hf	height frame	Hp + 53	Hp + 53
Hw	height construction	Hp + 70	Hp + 70
H <sub>passage</sub>	height passage	Hp - 20	Hp - 20

Width		H A24	₩ TE340
Wdp	width double door leaf	Ww - 70	Ww - 85
Wf	width frame	Wdp + 57	Wdp + 70
Ww	width construction	Wdp + 70	Wdp + 85
W <sub>passage</sub>	width passage*	Wdp - 20	Wdp - 20

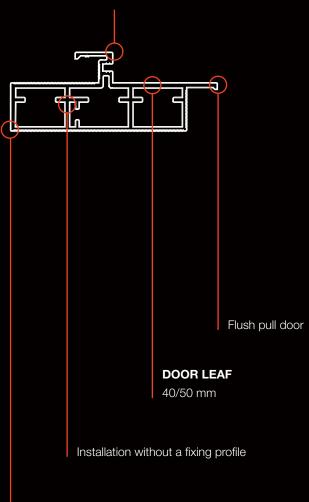
\*opening of 180°,

opening 90° without handle  $\mathbf{W}_{\text{\tiny passage}}$  - door leaf thickness



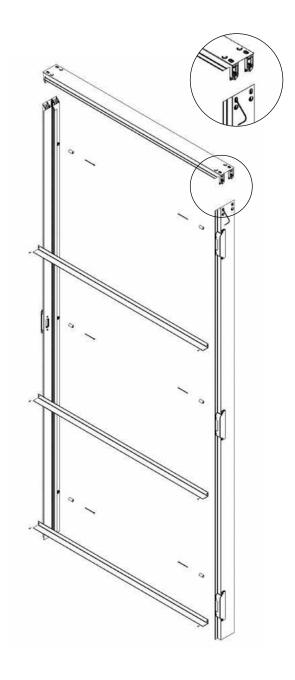


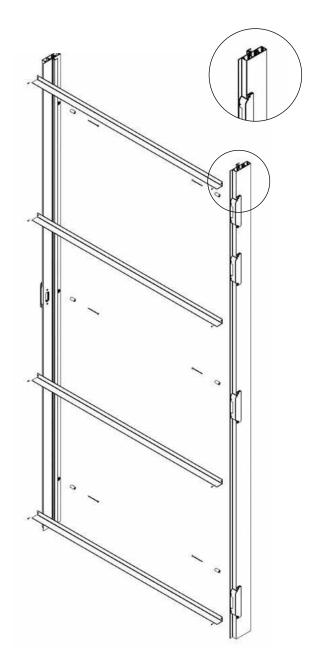
## UNIVERSAL FRAME



**MINIMAL WALL THICKNESS** 

100 mm





FRAME TYPE V - 45° FRAME



FRAME TYPE C - 90° FRAME



## **POSITIONS X1**

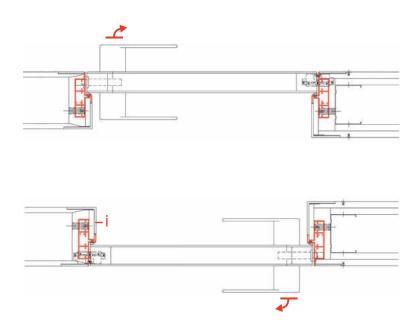




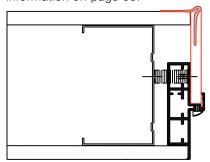




#### INSTALLATION **PULL** EU LEFT



**1** The finishing profile XA-FIN allows you to easily finish the walls regardless of the wall thickness, more information on page 66.



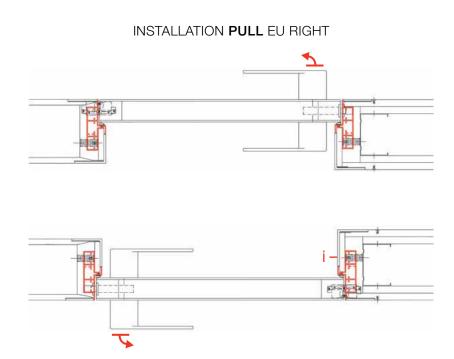
## **POSITIONS X1**

### EU RIGHT - COUNTER CLOCKWISE

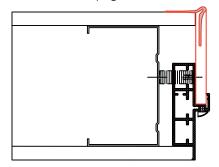






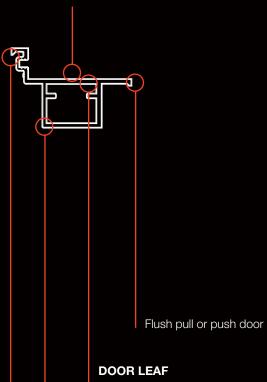


**1** The finishing profile XA-FIN allows you to easily finish the walls regardless of the wall thickness, more information on page 66.





## UNIVERSAL FRAME

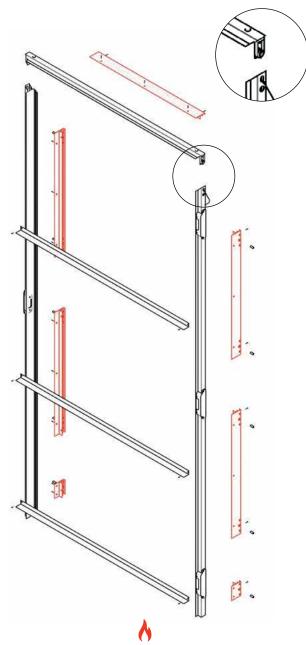


40\*/45\*/50/55/60 mm \*only flush pull version

Installation with fixing profile according to the Xinnix guidelines, page 26

### MINIMAL WALL THICKNESS

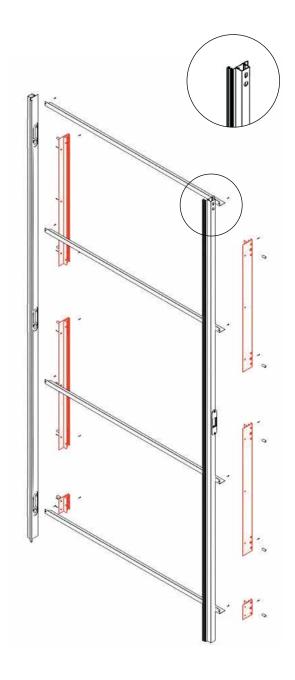
From 75 mm



Fire-rated on demand







FRAME TYPE C - 90° FRAME



## **POSITIONS X2**

### LEFT - CLOCKWISE





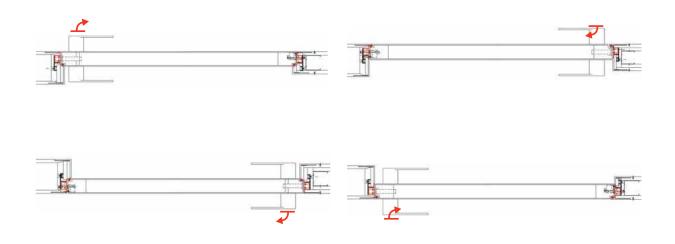


Visually an uneven door height for a door with a 3-sided frame.



### INSTALLATION **PULL** EU LEFT

### INSTALLATION **PUSH** EU LEFT



EUROPEAN PATENT EP10173504

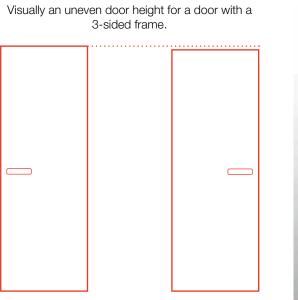
## **POSITIONS X2**

### RIGHT - COUNTER CLOCKWISE





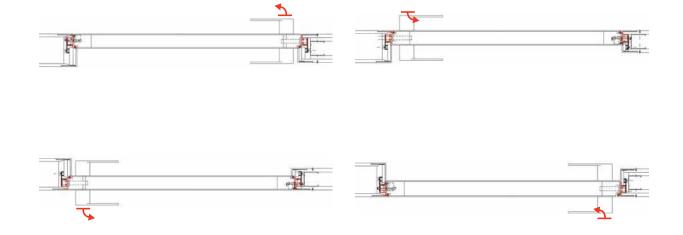






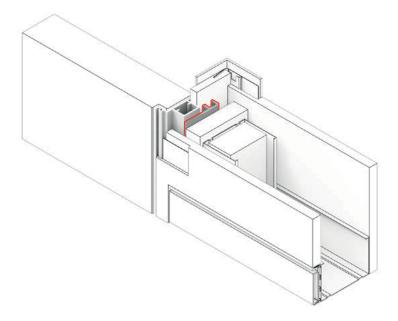
### INSTALLATION **PULL** EU RIGHT

### INSTALLATION **PUSH** EU RIGHT



EUROPEAN PATENT EP10173504

## **TECHNICAL INFORMATION**



With the use of a fixing profile, you install the X2 system in the wall. This profile is different depending on the situation.

This profile is not required when installing the X1 system.

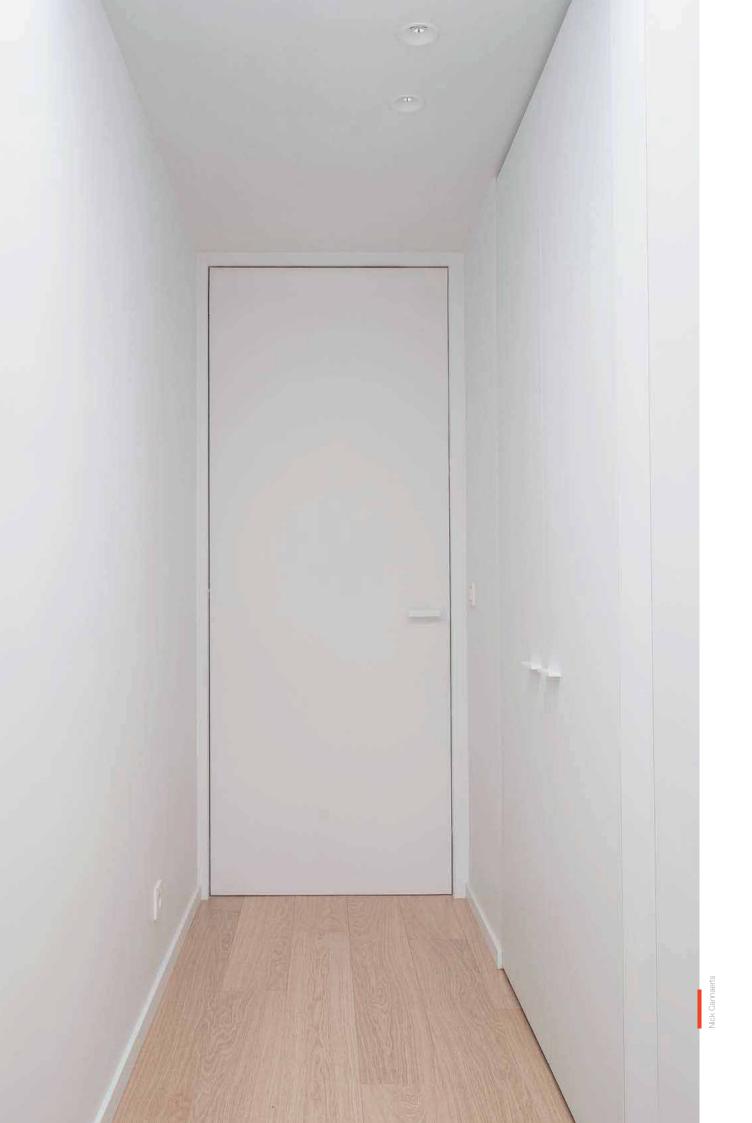
**FU**: universal fixing profile for a frame with 3 hinges.

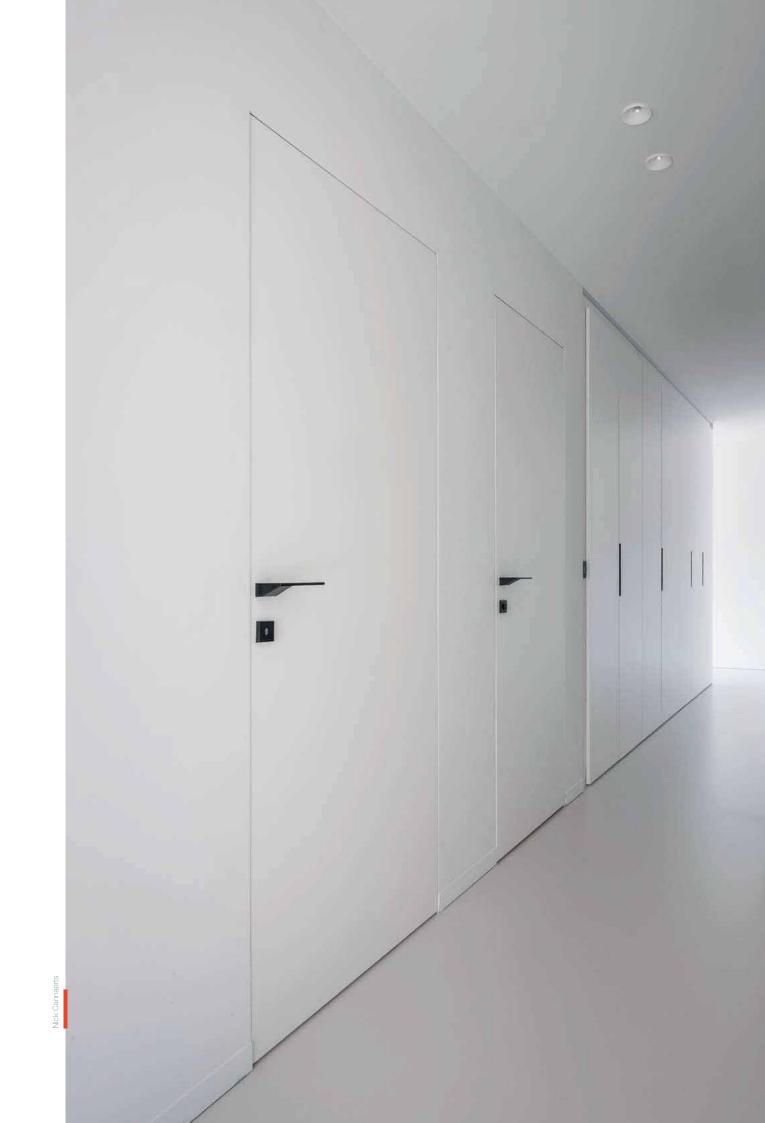
♦ FUL: universal fixing profile for frames with more dan 3 hinges, heavy doors and fire-rated versions.

#### **FIXING BLOCK PROFILE**

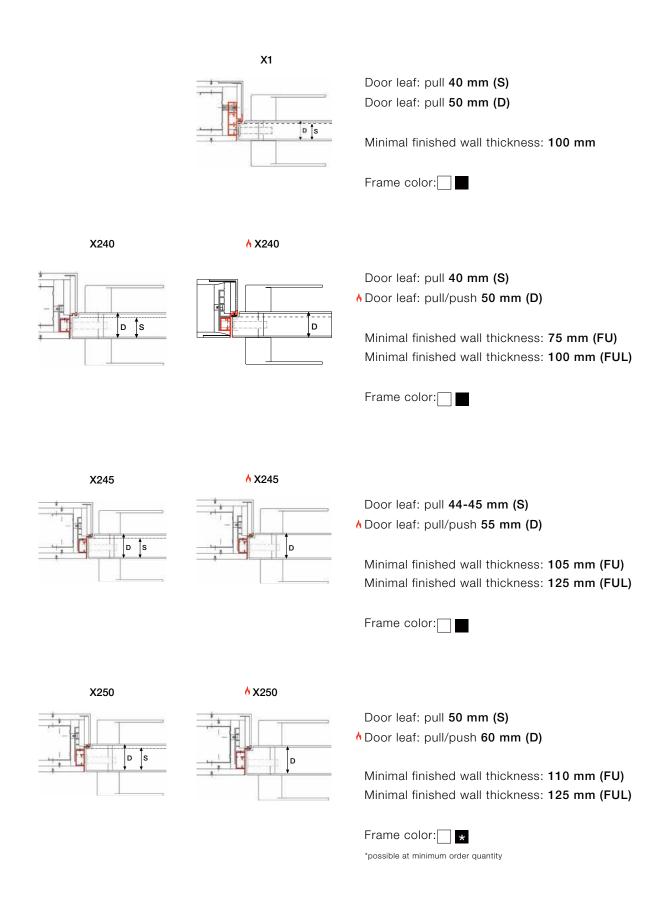
**FB50**: universal fixing block profile for installation against already finished walls, the door is flush on both sides, no further finishing needed and only available in combination with the X240. In this situation, the minimal finished wall thickness is 50 mm.







### **TECHNICAL INFORMATION**

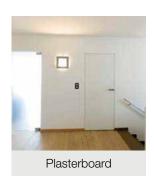




## **WALL FINISH**

#### FRAME WITH STANDARD HARDWARE



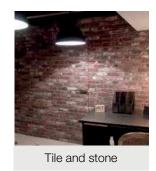


















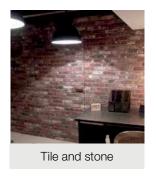




### FRAME WITH ALTERED HARDWARE











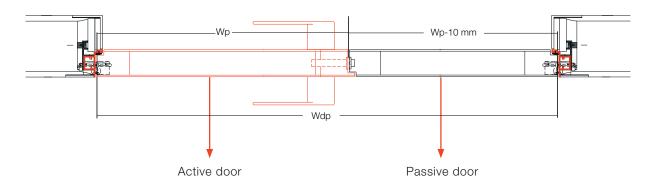


We offer the possibility to add a maximum of 6 mm finish to your wall and flush pull door. More information on page 40 (hinges for wallcoverings).

## **DOUBLE DOORS**

Optional:

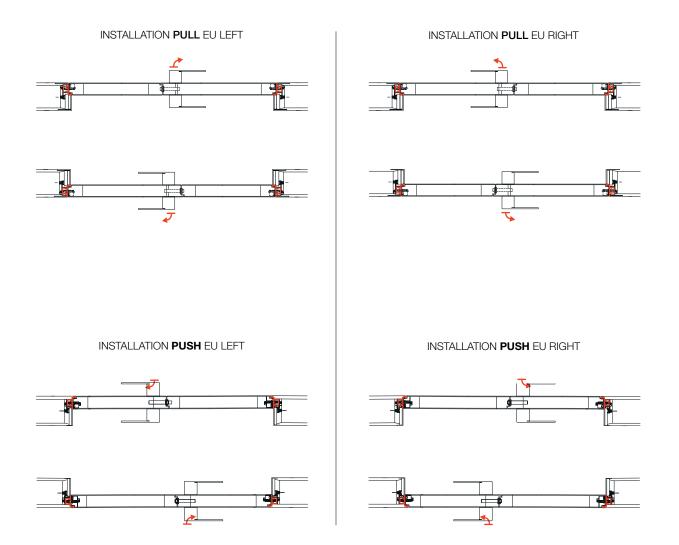


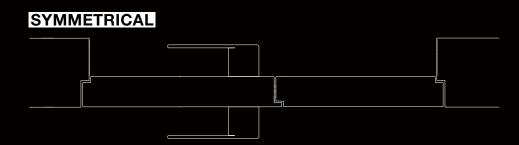


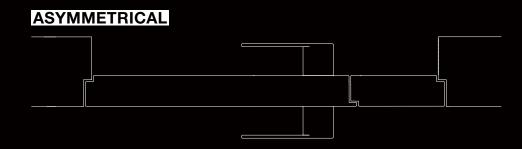
#### **♦ DLA:** double active left

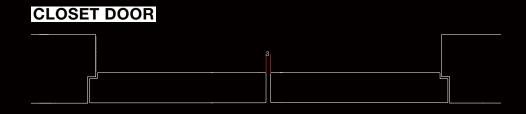
♠ DRA: double active right DK: double closet door

DRP: double passive right

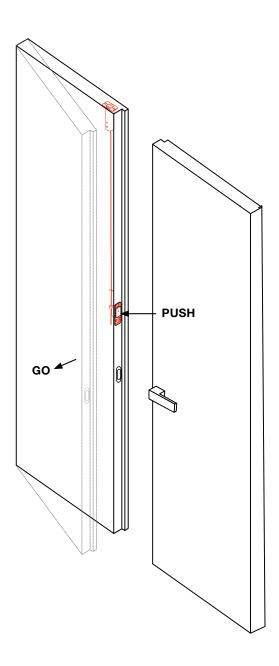








## **PUSH & GO**

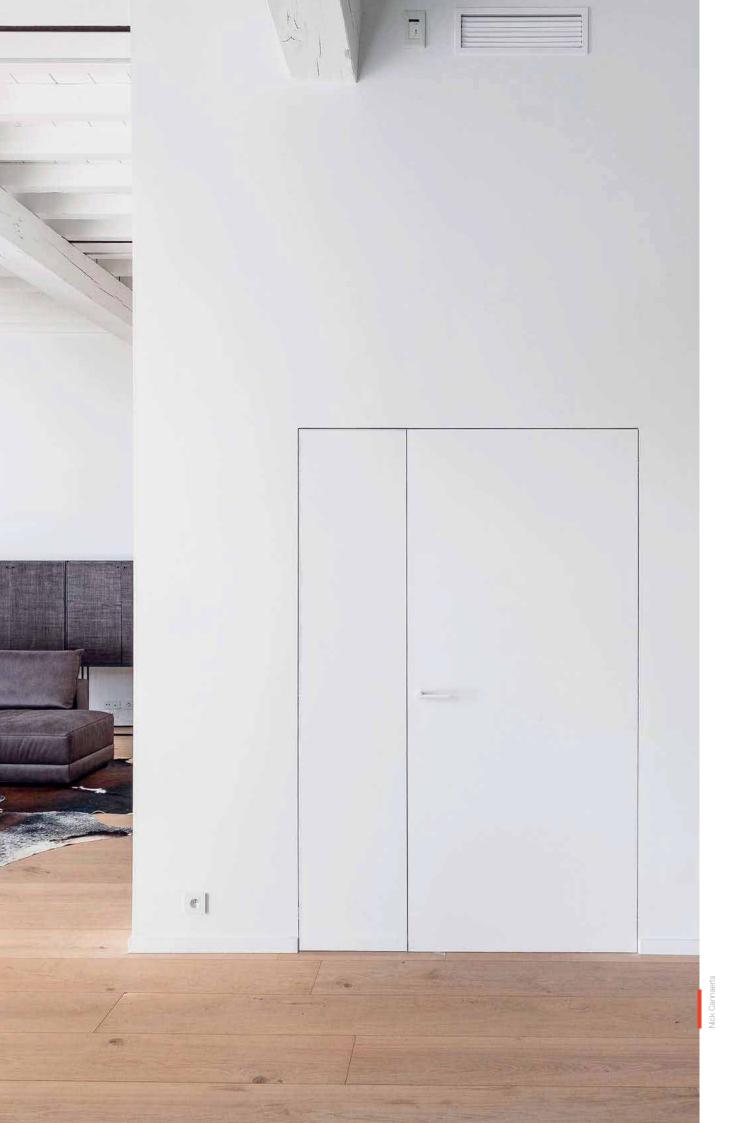


### **PG4100**



Push & Go is a magnetic system to quickly and easily unlock the fixed door leaf of a double door. With one push on the button, the fixed panel is free and you create a completely free passage. The magnetic closure ensures fast and effortless locking.

Locking is as easy as opening. You close the door and the fixed part is fixed again. Ideal for taller double doors. A slim, elegant finish: usable in all door thicknesses. Because the lock is integrated in the upper rail, the floor stays completely free.





# **DOOR FINISH**

Our doors have a white HDF layer.

HDF

HPL



PRIMER









Smokwaln

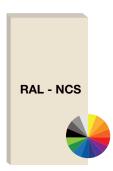
Ivory Oak



Chocloak



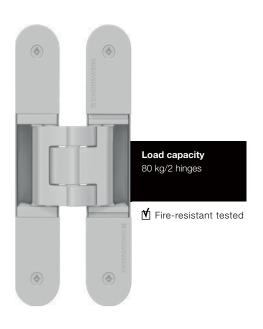
Raven Oak



We offer the above options in terms of door finishes. Is the finish you need not among these options? Contact us for a customised finish.

# **HINGES**





## **A24**

110 x 24 x 27 mm

Easy installation (1 person)

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 1 mm, height +- 2 mm, compression +- 1 mm)



A24.0 A24.1 A24.2

X1	X240	X245	X250
X	X	X	X

#### **CLASSIFICATION KEY**

2 7 3	1 1	* (	10
-------	-----	-----	----

<sup>\*</sup>depending on the finish

## **TECTUS TE340 3D**

160 x 28 x 33,5 mm

Easy installation (1 person)

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 3 mm, height +-3 mm, compression +- 1 mm)



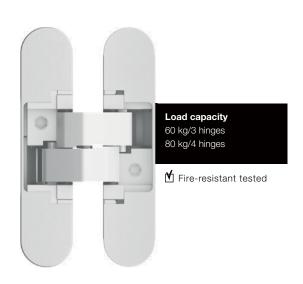
TE340.0 TE340.1 TE340.2

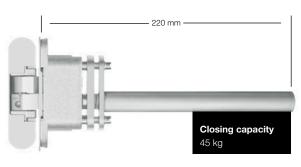
X1	X240	X245	X250
X	X	X	X

#### **CLASSIFICATION KEY**

3	7	4	1	1	*	0	11

\*depending on the finish





## X4030

110 x 24 x 27 mm

Easy installation (1 person)

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 1 mm, height +- 2 mm, compression +- 1 mm)

# <u>X</u>4030-SC

#### **SELF-CLOSING HINGE**

110 x 24 x 27 mm

Easy installation (1 person)

Reversible left-right

To combine with X4030

Consealed and independent 3D - adjustment

(side +- 1 mm, height +-2 mm, compression +- 1 mm)









X4030-SC.W

X4030-SC F

X1	X240	X245	X250	
X	X	X	X	

#### CLASSIFICATION KEY

2	7	2	1	1	4	0	7

# **HINGES**

#### SPECIAL WALLCOVERINGS





## A300/A303

#### Wall cladding of 6 mm for flush pull open version

120 x 30 x 30 mm

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 1 mm, height +-2 mm, compression +- 1 mm)



#### **CLASSIFICATION KEY**

2	7	3	1	1	*	0	10

<sup>\*</sup>depending on the finish

## **TECTUS TE540 A8 3D**

#### Wall cladding of 6 mm for flush pull open version

200 x 32/37 x 44 mm

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 3 mm, height +-3 mm, compression +- 1 mm)







130 x 32/25 x 53 mm

Easy installation (1 person)

Opening angle 180°

Consealed and independent 3D – adjustment

(side +- 1 mm, height +- 2 mm, compression +- 1,5 mm)







A57.1

A57.0

A57.2

X1	X240	X245	X250
X	-	X	Χ

## **HINGES**

#### HIGH LOAD CAPACITY





### **A31**

190 x 31 x 35,5 mm

Easy installation (1 person)

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 1,5 mm, height +- 3 mm, compression +- 1 mm)



A31.1

X1	X240	X245	X250
-	-	X	X

#### **CLASSIFICATION KEY**

4	7	6	1	1	*	1	13

\*depending on the finish

## **TECTUS TE540 3D**

200 x 32 x 36,5 mm

Easy installation (1 person)

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 3 mm, height +- 3 mm, compression +- 1 mm)



TE540.1 TE540.0 TE540.2

)	<b>(</b> 1	X240	X245	X250
	-	-	-	Х

#### **CLASSIFICATION KEY**

4	7	6	1	1	*	1	13

\*depending on the finish



## **TE640**

240 x 32 x 32 mm

Easy installation (1 person)

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 3 mm, height +- 3 mm, compression +- 1 mm)



TE640.1

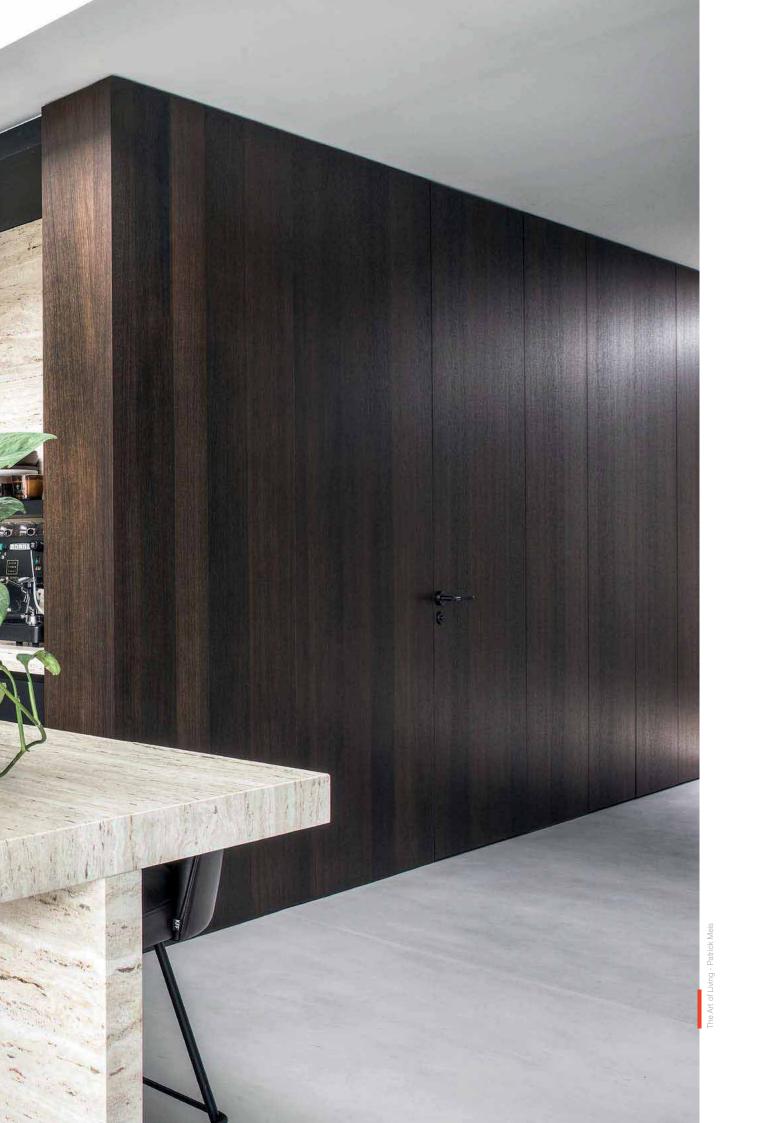
X1	X240	X245	X250
-	-	-	X

#### CLASSIFICATION KEY

4	7	6	1	1	*	1	14
			-	-			

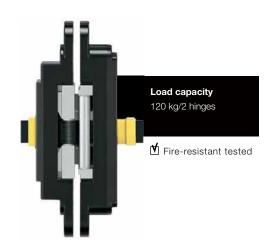
<sup>\*</sup>depending on the finish











## TECTUS 3D ENERGY TE340

160 x 28 x 28 mm

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 3 mm, height +- 3 mm, compression +- 1 mm)





TE340.0/ENERGY TE340.2/ENERGY

X1	X240	X245	X250
Χ	Χ	X	Χ

## TECTUS 3D ENERGY TE540

200 x 32 x 32 mm

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

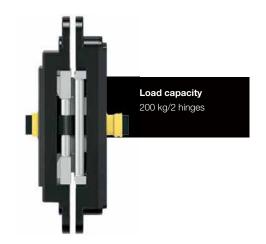
(side +- 3 mm, height +-3 mm, compression +- 1 mm)





TE540.0/ENERGY TE540.2/ENERGY

X1	X240	X245	X250
-	-	-	X



## TECTUS 3D ENERGY TE640

240 x 32 x 32 mm

Reversible left-right

Opening angle 180°

Consealed and independent 3D - adjustment

(side +- 3 mm, height +-3 mm, compression +- 1 mm)





TE640.0/ENERGY TE640.2/ENERGY

X1	X240	X245	X250
-	-	-	X

# **LOCKS**



### **XINNIX DIN**

LATCH

235 x 20 mm

Ø 8 mm

Tested according to UNI EN 12209

Backset = 55 mm

### **XINNIX DIN**

LATCH AND BOLT

235 x 20 mm

Ø 8 mm

Tested according to UNI EN 12209

Backset = 55 mm

197



22 x 82 mm







### **XINNIX**

#### REVERSIBLE

190 x 22 mm

Ø 8 mm

E=50 mm

EX

Electric counter strike

More information on page 59

### **ADDITIONAL LOCK**

86 x 18 mm

Ø 8 mm

Backset = 50 mm







**KFV** 

LATCH

235 x 20 mm Ø 8 mm Tested according to UNI EN 12209 Backset = 55 mm



## EX

Electric counter strike



24 x 140 mm More information on page 59



#### **KFV**

LATCH AND BOLT

235 x 20 mm Ø 8 mm Tested according to UNI EN 12209 Backset = 55 mm



ED

Electric counter strike

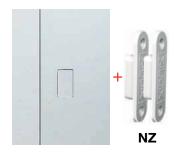
24 x 235 mm More information on page 59

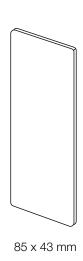


# **LOCKS**

#### NO HANDLE SOLUTIONS







## **NOHA LOCK**

### **NOHA SLIDE**

#### **PUSH PLATE**

#### NO HANDLE

190 x 22 mm

Ø 6 mm

Backset = 50 mm

 NHNS105
 door leaf: 27 mm
 1 sided

 NHNS200
 door leaf: 38-42 mm
 2 sided

 NHNS205
 door leaf: 43-47 mm
 2 sided

 NHNS210
 door leaf: 48-52 mm
 2 sided

 NHNS250
 door leaf: >19 mm
 1 sided

 NH003I
 3 mm
 INOX

 NH004M
 4 mm
 MDF

 NH006M
 6 mm
 MDF

 NH016M
 16 mm
 MDF

#### 998NH



22 x 82 mm

#### **NOHA TOOL**



NH044 Milling tool 44 mm









Denoif Angeliane







#### **ANTI PANIC LOCK**

LATCH AND BLOT

235 x 20 mm

Ø 8 mm

Tested according to UNI EN 12209

Backset = 55 mm

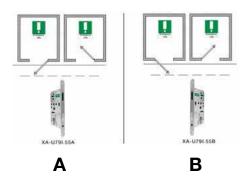
## **SOLENOÏDE SLOT EL560**

LATCH AND BLOT

235 x 20 mm

Ø 9 mm

Backset = 55 mm



EL560 is a solenoid lock which is electrically controlled by a handle, access system, timer, code keyboard or button.

The lock can always be opened by the handle on the panic side. Mechanical opening by means of the cylinder is always possible.

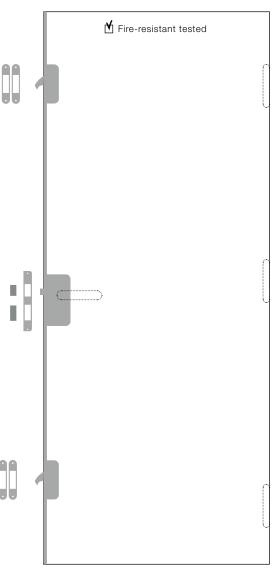




# SECURITY LOCK 1

## **SECURITY LOCK 2**

EI 0 - EI 30



ያ 8 x 92 mm

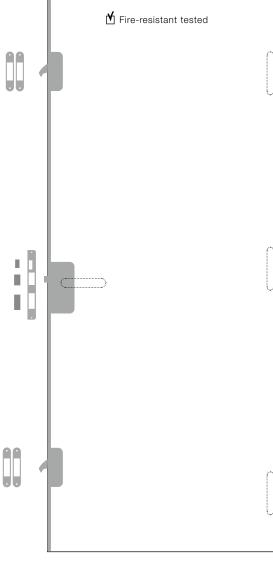
Multipoint lock with hooks made of chromed steel and counterstrike in frame colour.

Lock: manually

Unlock: manually

Maximum height of the lock: 2400 mm

El 0 - El 30



የ 8 x 92 mm

Multipoint lock with hooks made of chromed steel and counterstrike in frame colour.

Lock: automatically

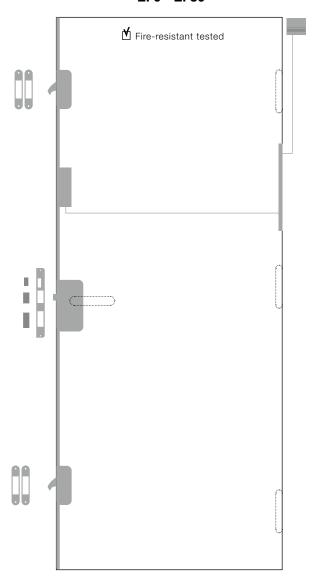
Unlock: manually

Maximum height of the lock: 2400 mm



## **SECURITY LOCK 3**

EI 0 - EI 30



₽8 x 92 mm

Multipoint lock with hooks made of chromed steel and counterstrike in frame colour.

Lock: automatically

Unlock: motor 12V controlled by fingerprint, codes, mobile phone, home automation,...

Maximum height of the lock: 2400 mm

Combine with Tectus Energy



#### **XA-SECROSE**





#### **ELECTRIC COUNTER STRIKE**

#### XIN



24 x 140 mm

Compatible with magnetic locks

Fit for fire-rated doors

3 mm adjustable

Plug-in connection

Combinable with:

With EL 118: D78

With EL 138: D70/D73/D78 - KFV F

#### DIN



24 x 235 mm

Compatible with magnetic locks

Fit for fire-rated doors

3 mm adjustable

Plug-in connection

Combinable with:

With EL 118 and 138: KFV PZ

EL 118 - Fail, locked solution

The door is locked when there is a power cut.  $\,$ 

- 10-24 V

- 22-42 V



EL 138 - Fail, unlocked solution

The door is unlocked when there is a power cut.

- 12 V

- 24 V











Valorio Clanicco

# **DOOR CLOSERS**



#### **ACTIVE STOP**



Soft open + soft close Openingslimitor 135° Max 45 kg



#### **LIMIT STOP**



Openingslimitor 90°-120° Max 40 kg

X1	X240	X245	X250
X	X	X	X

#### **BOXER 2-4**



Y Fire-resistant tested

Integrated door closer Door width <1100 mm Max 130 kg

X1	X240	X245	X250
Χ	X	X	X

#### **BOXER 3-6**



★ Fire-resistant tested

Integrated door closer Door width <1400 mm Max 180 kg

X1	X240	X245	X250
-	_	-	X

#### **BOXER E**



★ Fire-resistant tested

Integrated door closer
Electro magnetic hold open at 80-120°



#### **BOXER EFS**



★ Fire-resistant tested

Integrated door closer
Electro magnetic free swing function

X1	X240	X245	X250
-	-	-	X

#### **ECTURN**



The ECturn Inside opens and closes doors automatically. Thanks to wireless push buttons, mobile radio remote control units or acoustic signals, the system can be tailored to specific user requirements. The door

can also be opened manually in the event of a power failure.

X1	X240	X245	X250
_	-	-	X

#### **BOXER ISM**

#### **BOXER E ISM**

#### **BOXER EFS ISM**







★ Fire-resistant tested

★ Fire-resistant tested

★ Fire-resistant tested

Integrated door closer with closing selector for double doors.

Integrated automatic door closer with closing selector and electromagnetic hold open for double doors.

Integrated automatic door closer with closing selector and electromagnetic free swing function and closing selector for double doors.

X1	X240	X245	X250
_	-	-	X

X1	X240	X245	X250
_	_	-	X

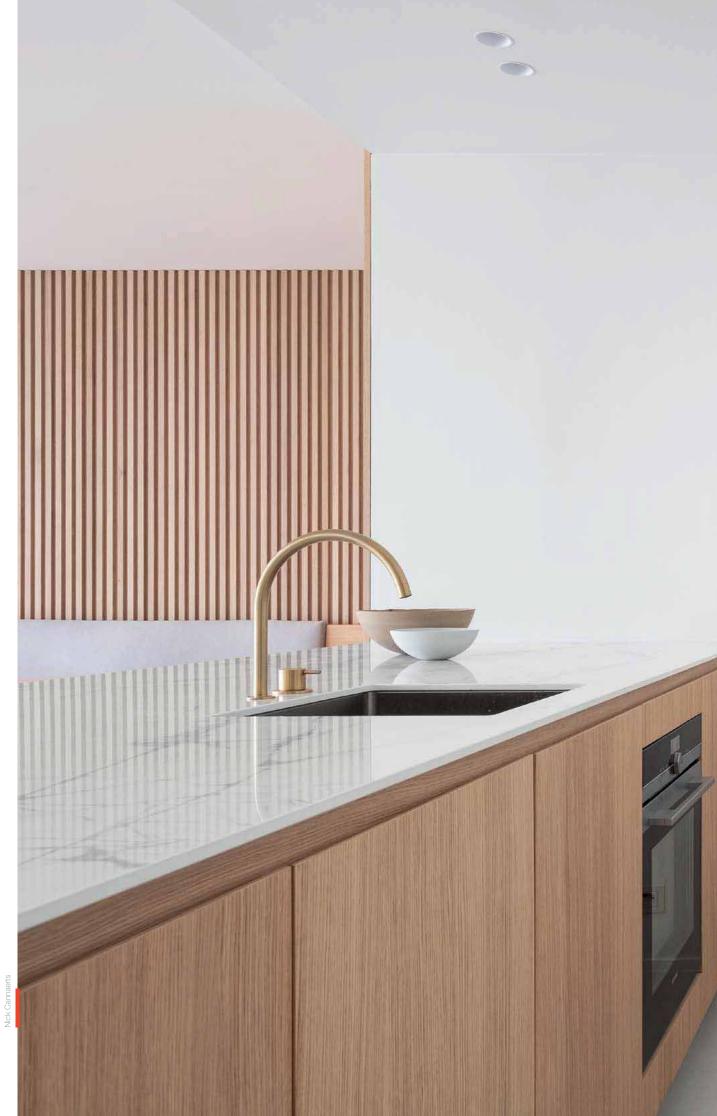
X1	X240	X245	X250
_	_	_	X







with Xinnix





# **FINISHING PROFILE**

The finishing profile allows you to easily finish the walls regardless of the wall thickness.

The plasterboard features an integrated aluminum corner bead, which speeds up the finishing process and reinforces the corners.

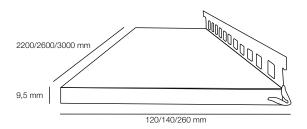
#### **PER DOOR SET**

XA-FIN2088/140/KE1	Set to finish 1 door 2 x 2088x140x9,5 mm + 1 x 1044x140x9,5 mm
XA-FIN2200/120/KE1	Set to finish 1 door 2 x 2200x120x9,5 mm + 1 x 1100x120x9,5 mm
XA-FIN2200/120/KE2	Set to finish 2 doors 4 x 2200x120x9,5 mm + 2 x 1100x120x9,5 mm
XA-FIN2600/120/KE1	Set to finish 1 door 2 x 2600x120x9,5 mm + 1 x 1100x120x9,5 mm
XA-FIN2600/120/KE2	Set to finish 2 doors 4 x 2600x120x9,5 mm + 2 x 1100x120x9,5 mm

#### **PER 5**

XA-FIN2200/120/5	Plasterboard with alu corner 2200x120x9,5 mm
XA-FIN2200/260/5	Plasterboard with alu corner 2200x260x9,5 mm
XA-FIN2600/120/5	Plasterboard with alu corner 2600x120x9,5 mm
XA-FIN3000/120/5	Plasterboard with alu corner 3000x120x9,5 mm
XA-FIN3000/260/5	Plasterboard with alu corner 3000x260x9,5 mm









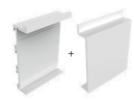
# **PLINTHS**

#### INTEGRATED ALUMINIUM PLINTHS

## **XP50**







Leave them original or paint them in the colour of the wall after degreasing the plinths.

#### Base - 13x50x3000 mm

#### Cover - 3000 mm

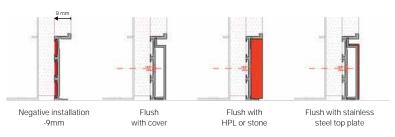


XP50-3000.W	White primer RAL 9016 SA30	
XP50-3000.B	Raw	
XP50-3000.A	Anodised F1	
XP50-3000.BL	Black primer RAL 9005 SA30	

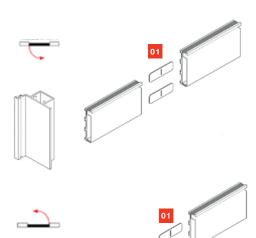


XP50-3000.W.COVER	White primer RAL 9016 SA30	
XP50-3000.B.COVER	Raw	-
XP50-3000.A.COVER	Anodised F1	
XP50-3000.BL.COVER	Black primer RAL 9005 SA30	
XP50-3000.RVS	Stainless steel top plate	

#### Installation



Mechanically fixed or invisibly glued







This angle is both + and - due to the oblique angle on both sides.



04 XP50-A045

02

XP50-C002

03

XP50-C003

# XP50.04



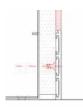
Leave them original or paint them in the colour of the wall after degreasing the plinths

### Plinth - 4x50x3000 mm



XP50.04-3000.W	White primer RAL 9016 SA30
XP50.04-3000.BL	Black primer RAL 9005 SA30

### Installation





Invisibly glued to the wall. In combination with connection piece XP50-C001.







