

Contents:

- Panels T-40
- Pro-line 28 FU Motor + Control box FU
- Hardware system: Low System (LS) -
Normal system (NS) - High-lift (HS) or Vertical-lift (VS)
- Heavy duty Springs & hoisting cables
- CE and RC-2 attest

Specifications

Outer face ligned, embossed stucco and color RAL 9002

Inner face ligned, embossed stucco and color RAL 9002

No finger protection

Thickness 40 mm – height 500 mm – weight 9,5 kg/m² - U Value 0,53 W/m²K

Thickness 40 mm - height 610 mm - weight 8,8 kg/m² - U Value 0,53 W/m²K

Paint coating on the outside sheet 25-µm (EN 13523-1)

Paint coating on the inside sheet 7-µm

Thickness zinc layer panel sheet metal : Z100 (grs/m²)

Gloss 30 G.U.

T40 panels max door size = 8.000 x 5.000 mm

Standard Quality: EN10346

Tolerances according EN10143

Performances

Impact test 18 J (EN 13523-5)

Polyurethane core - combustibility class B3 / DIN 4102

U Value 0,53 W/m²K

Sound insulation value of the panel = 28 dB

Paint adherence (T-bend) $\leq 2t$ (EN 13523-7)

Resistance to cracking on bending (T-bend) $\leq 3t$ (EN 13523-7)

Surface pencil hardness HB-H (EN 13523-4)

Corrosion resistance salt spray test 360h (EN 13523-8)

Corrosion resistance category RC2

Condensation resistance >1000h (EN 13523-26)

UV resistance QUV (UVA+H₂O) test (2000h) $E_{\leq 5}$; G.R. $\leq 30\%$

UV resistance category RUV2

Fire behavior classification A1 (EN 13501-1)

Environment CrVI-free ; RoHS 2011/65/EU

Foil

A plastic protective foil is applied to the surfaces of the panels. This foil protects the panel against the influence of the weather and dirt during manufacture, transport, storage and installation. Because of its limited thickness, this foil does not protect against damage. However, the panel is protected against UV radiation. It is important that the foil is removed at the latest six weeks after the production date to protect the coating from damage.

Contamination

Unfortunately, in spite of every effort and the protection that is applied, contamination by dust, etc. on the building site cannot always be avoided. As a result, cleaning can be required after installation. To avoid or limit additional work, it is important to bear the following points in mind when installing doors:

- Install the door carefully and accurately.
- Avoid dirt and damage (to people and the material) during unpacking.
- Pick up wide panels with two people, not on your own.
- Do not stack panels against each other without placing something in between.
- Leave the foil on the panels as long as possible.
- Remove the foil from the doors within six weeks of the production date of the doors.
- Remove swarf from the panels, it can be hot and can otherwise stick.
- Swarf that is not removed can rust later.
- Remove any contamination before it dries (in particular tar and bitumen).

Cleaning

A new door can normally be cleaned using a moist cloth. Dried or obstinate dirt can be removed as shown in the table below. Use as little force as possible on the cloth or sponge when cleaning the door. This is to prevent permanent damage, such as loss of shine or minor dents, to the surface of the panel. Rinse the panel thoroughly with clean tap water. Only use a high-pressure cleaner on badly contaminated panels. Keep a minimum distance of 80 cm from the panel and use a pressure that is lower than 30 bar. Never use ammonia, abrasives, nitro cleaning solvents, chlorinated agents, aromatic solvents or a high-pressure cleaner with a dirt blaster.

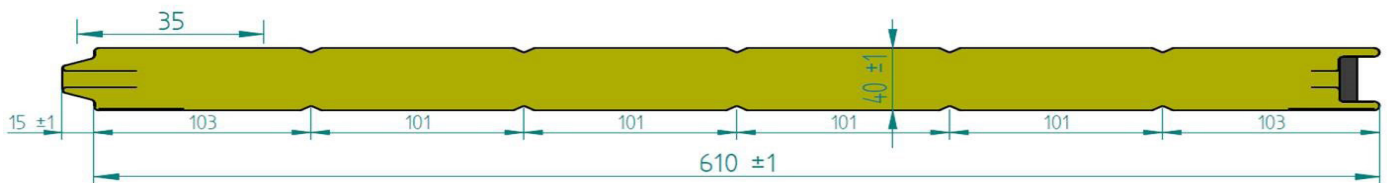
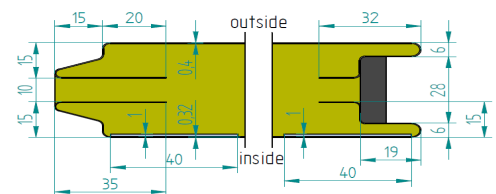
Cleaning table for steel panels

Type of dirt	Cleaning agent
Dust	Water or a weak soap solution
Bitumen / tar	Paraffin
Rust film	Wiro
Rusty swarf	Wiro (remove the swarf first)
Cement / mortar	Carefully remove mechanically

T40 Specifications

T40 Standard colours on stock

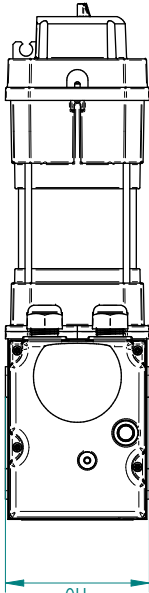
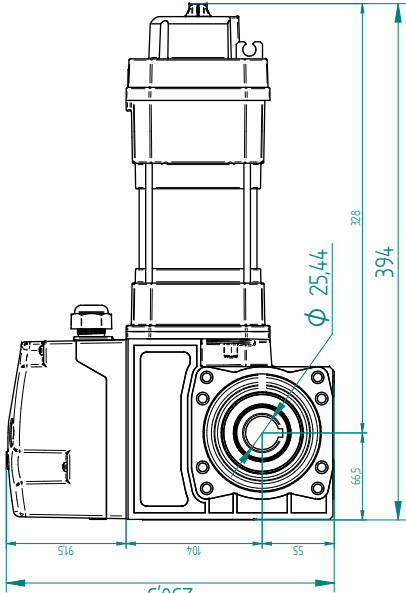
RAL 3000	section height 610, 500 mm
RAL 5010	section height 610, 500 mm
RAL 6009	section height 610, 500 mm
RAL 7016	section height 610, 500 mm
RAL 7021	section height 610, 500 mm
RAL 7022	section height 610, 500 mm
RAL 9002	section height 610, 500 mm
RAL 9005	section height 610, 500 mm
RAL 9006	section height 610, 500 mm
RAL 9007	section height 610, 500 mm
RAL 9010	section height 610, 500 mm
Merlin Grey	section height 610 mm



3000	5010	6009	7016	7021	7022
9002	9005	9006	9007	9010	Merlin Gray

Pro-Line 28 FU

The PL28 FU is the speedy brother of the standard PL28, suitable for doors of up to 28 m² or 450 kg. The frequency controller incorporated in the control box can be variably adjusted and has a soft-start/soft-stop function.



Emergency operation		
KU	KE	
		Chain
Crank		

E	KE-E	
		Chain & service unlocking
Quick release		

E-KE		
		Quick release & chain

Technical specifications	
Max. door dimensions m² 28	m²
Max. door leaf weight kg 450	kg
Power supply V 1 ~230	V
Operating frequency Hz 25/87	Hz
Motor power kW 0,55	kW
Output speed rpm 12/42	rpm
Protection class IP 54	IP
Starting torque Nm 100	Nm
Cycles/Duty cycle CPH 20/40%	CPH
Shaft options Inch 1"	Inch
Control output voltage V 24	V
Output current capacity mA 360	mA
Operating current A 2,6	A
Control supply V 230/400	V
Ambient temperature C° -5 / +40	C°

28 m²

450 kg

SPEED CONTROL

Control system CND1 FU

- CEE plug at the control unit
- 2 x slack cable safety device
- CND1 FU control system with control pendant
- LED display, 1 potential-free relays (can be extended to 3)
- 5-wire spiral cable including connection box
- Spiraalkabel 5-aderig, inclusief aansluitdoos
- 6-wire connecting cable and 2nd connection box
- Variable frequency control
- Soft start-soft stop function

Control box dimensions:
435x220x205 mm



For external frequency inverters, the following applies:
When the operating speed is increased, you must take account of the exponential decreased power of the operator. This extra load must be taken into account when sizing a drive, by reducing the available output torque. Increasing the drive speed by 10% reduces the admissible drive torque by 5%. In the case of higher drive speeds, reduce the drive torque accordingly (enquire if necessary).

Hardware system: Low System (LS) - Normal system (NS) - High-lift (HS) or Vertical-lift (VS)

Rail set

The rail set is, just like the overhead door, always custom made. A rail set is designed and made to measure in our factory for every overhead door. The quality of the rail set determines to a large degree the life of your overhead door. Therefore, we have consciously chosen rails that are made from high-quality galvanised steel.

A permanent part of the set is the unique Smart-Connection® between the horizontal and vertical rails for which we have a patent. Thanks to this innovative connection, the door moves smoothly over the rails when being opened and closed. This makes the door more or less silent and less susceptible to wear.



LS

The LS is a rail system ideally suited for applications with limited overhead clearance. The system is available in three variants, designed for an overhead clearance of 200, 250, or 320 mm.



NS

The NS is a standard rail system that moves horizontally after the daylight opening.



HS

The HS is a particularly space-saving rail system. The door first opens vertically and then moves tightly along the ceiling into the building.



VS

The VS is a rail system in which the door moves vertically upward.

Heavy duty Springs & hoisting cables

Springs & hoisting cables

Steel lifting springs and cables are used to open the overhead door and to keep it open. The springs are of a high quality and have a long life. They are shot peened, powder coated and oiled when delivered. Special springs are available for overhead doors that are used very frequently. The hoisting cables are six times overdimensioned for additional safety.

Heavy duty Springs ; 100.000 cycles = 200.000 movements





EU Declaration of Conformity

According to EN 13241 Industrial and commercial garage doors and gates - Product standard, performance characteristics

Manufacturer : ConDoor Industrial Doors BV
Handelsweg 31
3899 AA ZEEWOLDE
The Netherlands

Certifies that :

INDUSTRIAL DOORS

Hardware systems :

LS / NS / NSK / HS / HSK / HS-DOC / VS / VSK / VS-DOC / CUBE

In combination with door types :

**CLS (S40) / DL / HL / TOP-LINE / WL / A40 / AR80 (A80) / AR2 / AR3 / AR4 / AR6 / AR7 / AR9
AS40 (ALU1) / S40 / ST80 (S80) / ST3 / ST7 (T40) / ST9V**

Satisfies all the relevant requirements of the :

305/2011/EU

construction products regulation

2006/42/EG-EC

machinery directive

2014/30/EU

electromagnetic compatibility directive

2014/35/EU

low voltage directive

The following harmonised standard has been applied :

EN 13241

: Doors - Product Standard

EN-ISO 12100

: Risk assessment and risk reduction

Kees-Jan Honig

Managing Director
Zeewolde, 28-10-2021

r8 10-21/nr 7

Approvalholder

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Burglar resistance of Condoor Group BV garage(sectional)doors (with or without wicket door) of steel from the High Line series and variants G100, G160, G200, TS100 and type OHD WK2 system

Statement by SKG-IKOB

This approval has been issued on the basis of BRL 2701: 11-05-2021 in accordance with the Regulations attestation, certification and inspection of SKG-IKOB.

SKG-IKOB declares that the façade elements from the aforesaid system deliver the performance as described in this approval, provided:

- the conditions of application and technical specifications laid down in this approval are met;
- the production and installation of the façade elements occurs in accordance with the instructions and/or processing methods laid down in this approval

SKG-IKOB declares that, taking into account the above, the façade elements in their applications meet the requirements of the Dutch Buildings Decree as specified on page 2 of this approval.

SKG-IKOB declares that for this approval no inspection takes place on the production of the façade elements nor on the installation in buildings.

On behalf of SKG-IKOB



H.A.J. van Dartel, MSc
Manager Certification

The approval has moreover been included on the website of Stichting KOMO: www.komo.nl. The users of this approval are advised to check www.skgikob.nl to see whether this document is still valid.
This approval consists of 2 pages.

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IDENTIFICATION OF THE PRODUCT

Products in accordance with this approval are identified by sustainably providing them with a white seal containing: the name and/or logo of the holder of approval, together with details of the approval number as well as the classification as this applies as indication for the performance on burglar-resistant properties and for the products, described in this approval, in accordance with NEN 5096 (EN 1627) determined on class 2 (RC2) as this is shown in the illustration below.

If the seal has been applied by the holder of approval, it should be executed as follows:

LOGO approval holder	Condoor Group BV Approvalnumber: SKG.0221.0266	CLASS 2 (RC2) NEN 5096 (EN 1627)
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Place of the identification:

In the frame rebate of each moving element or in the glazing rebate of each element with fixed glazing.

TECHNICAL SPECIFICATIONS

The technical specifications of the burglar-resistant façade elements are recorded in the annex "TS" to this approval.

SUMMARY MINIMUM PERFORMANCE

Table 1

BUIDLINGS DECREE				
Section no,	Subject	Limit value/ determination method	Performance according to quality statement	Note on application
2.15	Burglar resistance	Resistance class 2 according to NEN 5096	Resistance class 2 (RC2) according to NEN 5096 (EN 1627)	The identification, as shown above, should be applied on this product
Other numbers	Other sections relating to windows and doors according to BRL 2701		This performance has not been determined under this KOMO approval	

Performance

Burglar resistance: BB-art. 2.130

Façade elements have burglar-resistant properties with a resistance class of at least 2 determined in accordance with NEN 5096 (EN 1627).

In addition to the assessment in accordance with NEN 5096 (EN 1627) a maximum passage opening of 150 x 250 mm is held as criteria.

Note

In this approval, a statement is only made concerning the specific performance relating to the resistance class against burglary, as part of the performance mentioned in BRL 2701. For statements concerning other performances reference is made to the "general or universal" KOMO approval or the KOMO quality declaration in question for "Metal façade elements" in accordance with BRL 2701. For statements concerning performance relating to fire safety reference is made to the KOMO quality declaration in question for "Fire safety metal façade elements" in accordance with BRL 3241.

Police Label Secure Housing PKVW®

Façade elements provided with the SKG burglar resistance marking with class 2 according to NEN 5096 (EN 1627), are suitable for use in buildings that meet the Police Label Secure Housing (Politiekeurmerk Veilig Wonen, PKVW®), provided the additional requirements are met that are set in the current handbook "Handboek PKVW Nieuwbouw".

List of documents

- NEN 5096: 2012/A1:2015 Burglary resistance -Façade elements with doors, windows, shutters and fixed infillings -Requirements, classification and test methods
- EN 1627: 2011 Pedestrian doorsets, windows, curtain walling, grilles and shutters -Burglar resistance -Requirements and classification

RECOMMENDATIONS FOR CUSTOMERS

Upon delivery of the products supplied under this approval or in accordance with the technical specifications described in this approval, inspect that:

- what is delivered has been agreed;
- identification in accordance with the specification in this approval has been applied on the products;
- the products have no visible damage and/or defects due to transport or otherwise;
- the legal requirements have been met in connection with the application.

Check whether this approval is still valid on: www.skgikob.nl.

If on the basis of above statements or on the basis of your own findings, you must disqualify the products, please contact the approval holder and if necessary with SKG-IKOB.

This document is a translation of the Dutch text. The original Dutch text is binding. The number of pages of the original Dutch approval can be different.

