

# EU TYPE EXAMINATION CERTIFICATE

Nr: LDsq08-0608-0135-22

## METROPLAST ASANSÖR MALZEMELERİ İMALAT LTD. ŞTİ.

İ.D.O.S.B. Tabakhane Cad. No:3 YC-10 Özel Parsel – Tuzla, İstanbul, TURKEY

### D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.;

Evaluated and approved that the safety component for lifts manufactured by the company stated above meets the essential health and safety requirements of the Lifts Directive 2014/33/EU Annex I.

### 2014/33/EU Annex IV/A EU Type examination of safety components for lifts (Module B)

#### PRODUCT;

Description	: Devices to prevent falls referred to in point 3.2 of Annex I to prevent the car from falling or uncontrolled movements of Lifts Directive 2014/33/EU
Name	: Unidirectional and Bidirectional Progressive Safety Gear
Trade Mark	: METROPLAST
Type	: PRO 2000
Type Variants	: PRO 2000-I, PRO 2000-II
Basic Specifications	: Detailed annex of this certificate

Re-evaluation should be performed by D KARE if any change occur on the design of the types stated in annex of this certificate or any change occur on the relevant harmonised standard.

This certificate is issued according to the findings stated in final report Nr. LDsq08-0607-0135-22 dated 07/06/2022

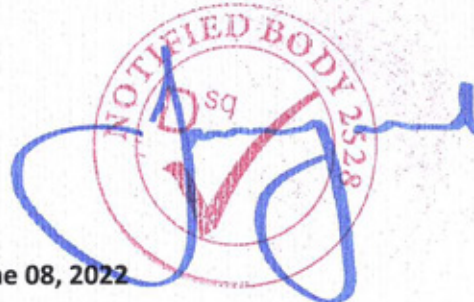
Inspection and test methods stated in harmonised standards EN 81-20:2020 and EN 81-50:2020 has been applied during conformity assesment process.

Selcan GÖRMÜŞ

Director

Issue Date : June 08, 2022

Valid to : June 07, 2027



LIFTS-2528-2200104



# ANNEX OF TYPE EXAMINATION CERTIFICATE

Nr: LDsq08-0608-0135-22

**Description :** Devices to prevent falls referred to in point 3.2 of Annex I to prevent the car from falling or uncontrolled movements of Lifts Directive 2014/33/EU

**Application areas:**

- ✓ Electrical and Hydraulic Lifts

**Type Variants:**

**PRO 2000-I:** Unidirectional progressive safety gear

**PRO 2000-II:** Bidirectional progressive safety gear

Data / Type	PRO 2000		
	PRO 2000-I, PRO 2000-II		
Guide Rail Thickness (mm)	5, 8, 9, 10	9, 10	9, 10
Rated Mass (kg) Max/Min (P+Q)	1750 / 700	1550 / 700	1400 / 700
Maximum tripping speed (m/sn)	1,50	1,71	2,16
Condition of Guide Rail Surface	Machined – Drawn		
Lowest Width of Catching Surface(mm)	10		
Type of oil	HLP 32, HLP 37, HLP 46		
Serial Nr and Manufacture Year	Test Sample / 2022		

**Table 1.** Technical specification about product

Veri / Tip	PRO 2000		
	PRO 2000-I, PRO 2000-II		
Guide Rail Thickness (mm)	16, 19		
Rated Mass (kg) Max/Min (P+Q)	2400 / 700	2250 / 700	2000 / 700
Maximum tripping speed (m/sn)	1,50	1,71	2,16
Condition of Guide Rail Surface	Machined – Drawn		
Lowest Width of Catching Surface(mm)	10		
Type of oil	HLP 32, HLP 37, HLP 46		
Serial Nr and Manufacture Year	Test Sample / 2022		

**Table 2.** Technical specification about product

**Type of guide rails:** T50/A, T70/A, T75/A, T75/B, T78B, T82A, T89/A, T89/B, T90/A, T90/B, T114/B, T125/B, T127/B, T140/B

**Condition of Guide Rail Surface:** Machined – Drawn

**Oil Condition of guide rails :** oiled or non oiled

**Declared electrical safety device informations:**

ELECTRICAL SAFETY DEVICE INFORMATION			
Type	CLS		
Manufacturer	GLORIOUS	Number of Certificate / Test Report	CNB3180116-00042-L-D CNB3180116-00033-E-D
Current / Voltage lectricCurrent	5 A 250 VAC / 0.3 A 220 VDC	Protection of Electrical Safety Device	IP65

**Send Date of sample safety gears:** 09.05.2022

**Type Examination Date:** 16.05.2022

**Test Laboratory:** D KARE GÖZETİM TEST VE BELGELENDİRME TİC. LTD. ŞTİ.

**Conformity Assesment Standards :** EN 81-50:2020, EN 81-20:2020

The progressive Safety gear is also used as a braking device, together with the approved detection and triggering devices that are part of the uncontrolled car movement protection devices.

The type approval must be updated in case the design in the approved technical drawing is changed and / or a contact/switch other than the specified electrical contact/ switch is used. Type examination certificate can be used for products conforming to the information given in this annex.

**CEM ÇELİK**

**Technical Regulation Chief**

**Issue Date** : June 08, 2022

**Valid to** : June 07, 2027





