

08/2024

Update
08.08.2024



 LORENZOLINE

84FD

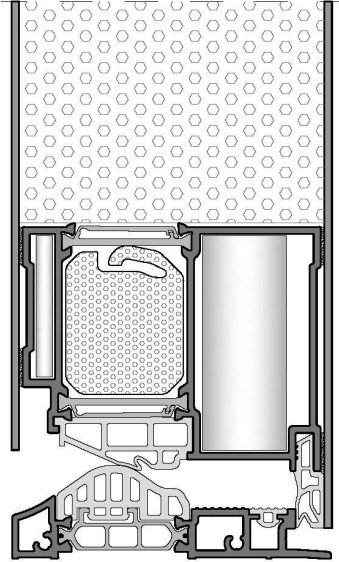
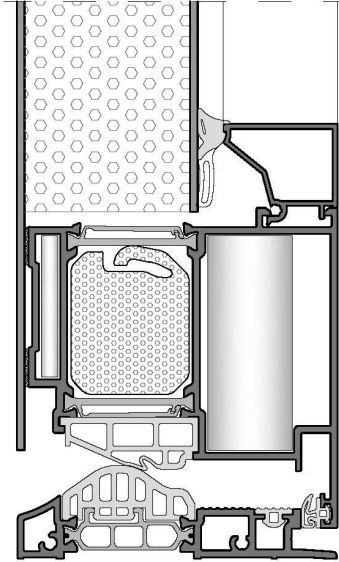
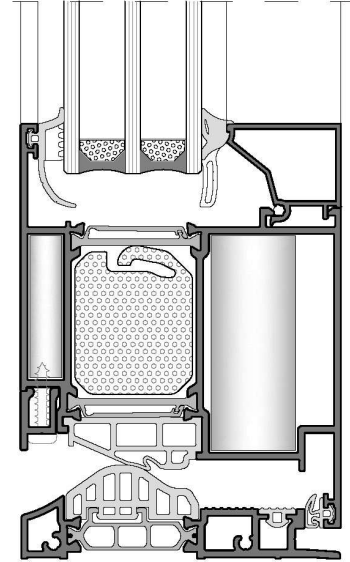
Door System | Kapı Sistemi

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TECHNICAL INFORMATION
TEKNİK BİLGİLER

system properties | sistem bilgisi
Panel Door | Panel Kapı

Semi Panel Door | Yarı Panel Kapı

Door With Glass | Camlı Kapı

Technical Properties / Teknik Özellikler

FRAME DEPTH KASA DERİNLİĞİ	84 mm
SASH DEPTH KANAT DERİNLİĞİ	84 mm
WALL THICKNESS ET KALINLIĞI	1.8 - 2 mm
GLASS THICKNESS CAM KALINLIĞI	28 - 68 mm
THERMAL INSULATION ISI BARIYERİ	34 mm

Opening Opportunities / Açılım Seçenekleri

- ENTRY DOOR WITH INSULATION PANEL | PANEL GİRİŞ KAPI**
- DOUBLE LEAF ENTRY DOOR WITH INSULATION PANEL | ÇİFT KANAT PANEL GİRİŞ KAPISI**
- ENTRY DOOR WITH INSULATION PANEL & SIDE LIGHT | PANEL GİRİŞ KAPISI VE IŞIK BANDI**
- ENTRY DOOR WITH GLASS | CAMLI GİRİŞ KAPI**
- DOUBLE LEAF DOOR WITH GLASS | ÇİFT KANAT CAMLI GİRİŞ KAPISI**
- ENTRY DOOR WITH GLASS & SIDE LIGHT | CAMLI GİRİŞ KAPISI VE IŞIK BANDI**

Performance Values / Performans Değerleri
WATERTIGHTNESS | SU GEÇİRGENLİĞİ - EN12008

2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)	E... (800+Pa)	E1200 (1200 Pa)
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AIR PERMEABILITY | HAVA GEÇİRGENLİĞİ - EN12207

Class 1 (150 Pa)	Class 2 (300 Pa)	Class 3 (450 Pa)	Class 4 (600 Pa)
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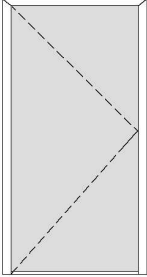
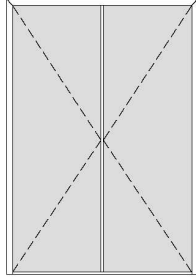
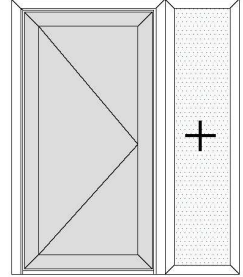
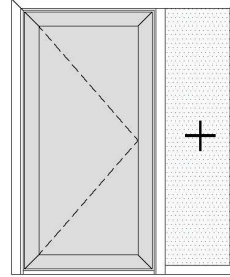
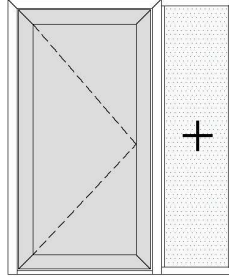
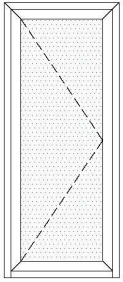
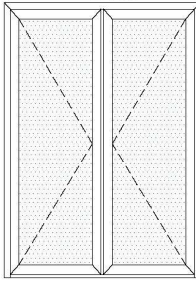
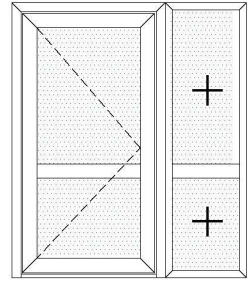
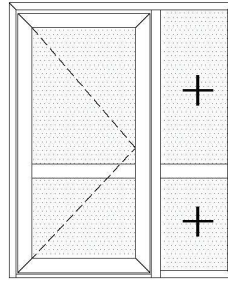
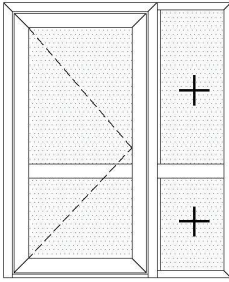
RESISTANCE TO WIND LOAD | RÜZGAR DAYANIMI - EN12210

(400 Pa)	(800 Pa)	C3 (1200 Pa)	(1600 Pa)	(2000 Pa)	(2000+ Pa)
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THERMAL INSULATION VALUE

SİSTEM UF DEĞERİ - EN ISO 10077-2


Uf = 1,598 W/m2K
 1100 mm x 2100 mm **Ud = 0,81 W/m2K**

Opening Opportunities | Açılım Seçenekleri
ENTRY DOOR WITH INSULATION PANEL
 PANEL GİRİŞ KAPI

DOUBLE LEAF ENTRY DOOR WITH INSULATION PANEL
 ÇİFT KANAT PANEL GİRİŞ KAPISI

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ENTRY DOOR WITH GLASS
 CAMLI GİRİŞ KAPI

DOUBLE LEAF DOOR WITH GLASS
 ÇİFT KANAT CAMLI GİRİŞ KAPISI

ENTRY DOOR WITH GLASS & SIDE LIGHT
 CAMLI GİRİŞ KAPISI VE IŞIK BANDI

production properties / üretim bilgisi

The aluminium profiles have been extruded from the alloy AlMgSi 0.5 as F22 according to the EN 12020.

Physical Properties

1. Density	: 2.70 Kg / dm ³
2. Modules of Elasticity	: 69 kN / mm ²
3. Resistivity	: 20° 33 n Ω .m
4. Melting point	: 600 - 655 °C
5. Linear expansion coefficient	: 20 - 100°C μ °C ⁻¹

Alloy
Mechanical Properties

1. Tensile strength	: Min 215 MPa
2. Yield strength	: 190 MPa
3. Elongation	: % 10
4. Hardness	: 67 Brinell

Anodising

In anodising process , microns of the profiles for the inside and outside use are different.
 The complete anodisation process takes place in accordance with the specifications of **QUALANOD**.

Surface Treatment
Electrostatic Powder Coating

The thermal break allows the profile to be painted when compounded.
 On average, the coating thickness is minimally 60 micron.
 The complete powder coating process takes place in accordance with the specifications of **QUALICOAT SEASIDE**.

Alüminyum profiller AlMgSi 0.5 - F22 alaşımından ve EN 12020 standardına göre üretilir.

Fiziksel Özellikler

1. Yoğunluk	: 2.70 Kg / dm ³
2. Elastisite Modülü	: 69 kN / mm ²
3. Direnç	: 20° 33 n Ω .m
4. Erime Noktası	: 600 - 655 °C
5. Genişleme Katsayısı	: 20 - 100°C μ °C ⁻¹

Alaşım
Mekanik Özellikler

1. Kopma Dayanıklılığı	: Min 215 MPa
2. Elastisite Limiti	: 190 MPa
3. Uzama	: % 10
4. Sertlik	: 67 Brinell

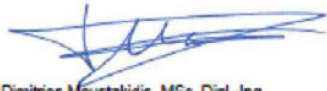
Eloksal

Eloksal projesinde profil mikronları iç ve dış kullanım için farklıdır. Bütün eloksal projesi **QUALANOD** spesifikasyonlarına göre uygulanır.

Yüzey İşlem
Elektrostatik Toz Boya

Isı bariyeri çakıldığında profil boyanabilir.
 Genel olarak kaplama kalınlığı minimum 60 mikrondur.
 Bütün toz boya projesi **QUALICOAT SEASIDE** spesifikasyonlarına göre uygulanır.

classificationreport / testbelgesi

ift-Nachweis		
Classification Report		
Number	22-003418-PR01 (NW-C01-02-en-01)	Basis *) EN 14351-1:2006+A2:2016-09 *) and corresponding national versions (e.g. DIN EN) Test report: 22-003418-PR01 PB- C01-02-en-01 Representation 
Owner	KURTOGLU ALUMINYUM BAKIR KURSUN SAN. A.S. Haciseremet Mevkii TEM Corlu Cikisi Velimese 59860 Tekirdag Turkey	
Product	External pedestrian doorset	
Designation	System: 84FD Shipping name: 84FD	
Details	Material Aluminium system with thermal break; Overall dimensions (W x H) 1100 x 2100 ; Closing condition closed and locked; Threshold: Designation 84FD-401-18; System 84FD; Material Alumi- nium system with thermal break; Lock: Designation GU- SECURY SH2	
Special features	Test sequence. Material compatibility must be taken into account. Material durability must be taken into account.	Instructions for use The Evidence ("Nachweis") can be used for preparing the Declaration of Performance in accordance with the Construction Products Regula- tion 305/2011/EU. The results ob- tained apply to the direct field of application determined in Annex E of EN 14351-1. Validity There is no time limit. When using this document the up- to-dateness of above basis and the conformity of the product have to be observed. Notes on publication The ift-Guidance Sheet "Condi- tions and Guidance for the Use of ift Test Documents" applies. Identity-Check  www.ift-rosenheim.de/ift-aecqrueft ID: 01D-BD6A0
Result **)	Air permeability according to EN 12207:2016-12  Class: 4 Resistance to wind load according to EN 12210:2016-03  Class: C3 Watertightness according to EN 12208:1999-11  Class: 9A **) Decision rule: For the evaluation of conformity, the measurement uncertainty was not taken into account.	
ift Rosenheim 02.11.2022		
 Thomas Stefan, Dipl.-Ing. (FH) Head of Testing Department Building Component Testing	 Dimitrios Moustakidis, MSc, Dipl.-Ing. Operating Testing Officer Building Component Testing	
Ve-PB 14802-ent (01/01/2022)		

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 Testing and Calibration – EN ISO/IEC 17025
 Inspection – EN ISO/IEC 17020
 Product Certification – EN ISO/IEC 17065
 Certification of Management Systems – EN ISO/IEC 17021

 Notified Body 0207
 ift-rosenheim
 DAkkS



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 Deutsche
 Akkreditationsgesellschaft
 D-63110 Frankfurt am Main

PROFILE INDEX
PROFIL INDEKS