



INTERIOR ROOMS STEEL DOOR TECHNICAL FEATURES





COMPANY INFORMATION

COMPANY NAME	BAKIRCILAR ÇELİK KAPI ALÜ.MOB.MAD.MER.İNŞ.TİC.ve SAN.LTD.ŞTİ
ESTABLISHMENT	12/08/1999
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WEB SITE	www.falezcelikkapi.com
TAX ID/ NO	1320567825
MERSIS NO	0132056782500010
ADRESS	Odabaşı Mh.9681 Sk.No:11 Kepez /ANTALYA
COMPANY TYPE	LİMİTED ŞİRKET
MANAGEMENT	Osman ÖZDEMİR / Mehmet ÖZDEMİR

ACTIVITY AREAS

STEEL DOORS

FIRE-PROOF DOORS

TECHNICAL DOORS

STEEL INTERIOR DOORS

SHAFT PROOF DOORS

MANAGEMENT

Dursun ÖZDEMİR Osman ÖZDEMİR

Mehmet ÖZDEMİR

BRANDS

FALEZ ÇELİK KAPI / GRANDDOOR



A	
	C,
	T.C. TÜRK PATENT ENSTITÜSÜ
	MARKA YENILEME BELGESI
	Marka No : 2004 46474 - Ticaret
	FALEZ
	Marka Sahibi : BAKIRCILAR ÇELİK KAPI ALÜMİNYUM MOBİLYA MADENCİLİK MERMER İNŞAAT TİCARET VE SANAYİ LİMİTED ŞİRKETİ TÜRKİYE CUMHURİYETİ Döşemealtı Odabaşı Köyü ANTALYA Emtiası : 06,20 İlişiktedir.
	İş bu Marka ilk defa 31/03/2004 tarihinde tescil edilmiş olup, 556 Sayılı Markaların Korunması Hakkında Kanun Hükmünde Kararnamenin 40. Maddesi gereğince 31/03/2014 tarihinden itibaren ON YIL süreyle yenilenmiştir.
100	Elif B.AKIN Enstitü Başkanı a.



falez çelikkapı°



GRANDDOOR FALEZ BRAND REGISTRY





Pfannestiel 17, 88677 Markdorf-Deutschland Telefon: 0049-7544-9870020 Fax: 0049-7544-72190 web: <u>www.trb.com.de</u> E-mail: info@trb.com.de





BAKIRCILAR ÇELİK KAPI ALÜ. MOB. MAD. MER. INS. TIC. VE SAN. LTD. STI.

ODABAŞI MH. 9681 SK. N:11 KEPEZ /ANTALYA

Yukarıda adı geçen kuruluşun, KBM Belgelendirme Prosedürüne göre Standardın şartlarını aşağıdaki kapsamda karşıladığı kanıtlanmıştır.

> Kapsam ÇELİK KAPI İMALATI VE SATIŞI

ISO 9001:2015

Sertifika No

Tescil Tarihi

27/08/2019

Yeniden Basım T. 07/09/2020

Geçerlilik Periyodu 3 Yıl

Bitiş Tarihi 26/08/2021









KBM Teknik Kontrol ve Belgelendirme Ltd. Sti. Talatpoşa Mah. Pazar Yolu Cad. Sedai Plaze No:2 K:2 D:27 K: 34513 Esenyut-İstanbul / TÜRKIYE tifika KBM sözleşme şartlanına uyuldığu sürces sartlikan numarası ile güncelliği web adresinden takip e Tel. +90 212 853 83 43 (Pbx) Faks. +90 212 853 65 38 info@kbm.com.tr - www.kbm.com.tr



SUM	STANDARDS O	RGANISATION OF NIGERIA		WJ24	кз	SGS
	Stand	ards Organisation of Nigeria (Product Certific			Program	me
		and does not substitute in any respect ate required for Customs Declaration	PC(R) No.: Issuance Date: Expiry Date of (Page: 1/2	Certificate: 2	016 7.05.2017	
Beneficiar Address:	TIC	KIRCILAR CELIK KAP ALM. MOB. TIC. 2, VE SAN, LTD. STI. RGANIZE SANAYI YOLU BOLGESI DSEMEALTI ODABASI KOYU				
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SONCAP CERTIFICATE







TEST REPORT FIRES-FR-069-12-AUNE

Single leaf steel door







TEST REPORT

FIRES-FR-069-12-AUNE

eTested property: Test method: Date of issue: Fire resistance EN 1634-1:2001 10. 05. 2012

Name of the product:

Single leaf steel door

Manufacturer:

Sponsor:

Bakırcılar Çelikkapı Alü. Mob. Mad. Mer. İnş. Tic. ve San. LTD. ŞTİ Organize Sanayi Bölgesi Döşemealtı Odabaşı Köyü Antalya,Turkey Standart BM Trada Belgelendirme A.Ş. / İçerenköy Mah. Çayır Yolu Sok. Ay Plaza No:2 Kat:5 Kadıköy, 34752 İstanbul, Turkey

 Task No.:
 PR-12-0081

 Specimen received:
 21.03.2012

 Date of the test:
 11.04.2012

Technician responsible for the technical side of this report: Bc. Dávid Šubert

Number of pages: 22 Test reports: 5

Copy No .:

4

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FIRES-FR-069-12-AUNE

Time [min:s]	Face of specimen	Observation
60:00	NS	no further significant visible change;
90:00	NS	no further significant visible change;
120:00	NS	no further significant visible change;
121:35	Termination	n of the test.

ES exposed face of specimen NS unexposed face of specimen

6. CLOSING

Evaluation of the test:

Performance criterion	Time till the performance criterion is achieved
integrity – sustained flaming	121 minutes no failure
integrity - gap gauges Ø 6 mm and Ø 25 mm	121 minutes no failure
integrity - cotton pad	121 minutes no failure
insulation – average temperature (140 K)	11 minutes
insulation - maximal temperature (180 K)	6 minutes
insulation - maximal temperature (supplementary procedure) (180 K)	6 minutes
radiation 15 kW.m ⁻²	121 minutes no failure
insulation – maximal temperature – door frame (180 K / 360 K)	15 minutes / 65 minutes

The fire test was discontinued in 122nd minute of the test at request of the sponsor.



PHOTOS TAKEN DURING THE TEST





Unexposed specimen face before the test commencement

1st minute of the test

FIRES-FR-069-12-AUNE

PHOTOS TAKEN DURING THE TEST





121st minute of the test

Unexposed specimen face after the test termination.





DOOR MANUFACTURING TECHNIQUE



DOOR MANUFACTURING TECHNIQUE

Summary :

Steel room door leaf, 40x20 steel profiles are cut and corner welded to form a sceleton construction, pvc laminated galvanized 2 plate steel plates preparation. joining of profiles with welded construction. Filling with polyurethane which is injected with liquid to provide hardness, gluing, heat, sound insulation of the wings and profile frames and monoblock integrity of the door, and then quenched in 45 density rigid presses in 300 ton press. Finally, the profile and plate steel surfaces are covered by the joining details at the corners, with the purpose of replacing the elements with special aluminum profiles for the closure of 4 sides.

The steel room door frame is made of galvanized steel. drilling the holes and making the bends and the wing of the door into a suitable frame profile. With 45 degree cuts, the steel profiles are combined with the sub-gas welding. Finishing of a door frame by painting with electrostatic paint after all cages have been made.

The finished leaf and casing are assembled, quality controlled and packaged to make finished product.

Usage Area:

Technically, it is designed for doors, hotels, public institutions, residential and public buildings that can be used both on the interior and exterior side.

TECHNICAL FEATURES General information;

A-We use galvanized and monolithic plate steel in our doors.

This is an important detail and provides the best adhesion and adhesion in lamination, polyurethane and paint applications (such as cleaning of DKP and black steel sheet surface, oily and corrosion) which will be done on galvanized steel material.

It also prevents corrosion of steel in weather conditions over time. The basic rule of steel, protecting from corrosion, is to coat it with another metal, zinc.

When the steel is covered with molten zinc, the zinc covers the surface of the steel after the formed chemical reaction. Zinc does not just stick to the surface of the steel like paint, but later becomes a piece of steel.

For this reason, it is used in shipbuilding, automotive sector and construction sector.

B-We use Polyurethane as the inner filling of the door.

In our door; we inject our Polyurethane Casting fluid, which is our special chemical formulation, with our 300 ton press machine and 45 density in our leaf with our high-pressure automatic centrifugal casting system.

Because of the advantages we will discuss below, and unlike many interior filling

materials (izocam, stone wool, paper honeycomb and foam), the door monoblock is an integral part. We provide 30-40 tons of strength on the door surface. In addition, corrosion of steel material from inside is prevented and we provide high sound insulation.

Rigid Polyurethane Foam Interior Door Padding Superiorities:

1-Has a smooth foam Polyurethane structure.90% of the cell structure-95 is closed. This tutuculuğunun to be perfect, so the heat of polyurethane in the world ensures the best insulator known. Coefficient of thermal conductivity minimum foam. (λ = 0.0023 Watt/Kh). It also provides sound insulation up to 50 decibels and Polyurethanes.

2-Polyurethanes has good adhesion. Adheres to almost any surface applied.Polyurethanes have high dimensional stability-30 to 80 ° c no .. expansion as not allocated from the surface show snaps.3-Polyurethanes is a long-lasting insulation materials.Conductivity values $\lambda = 0,0025 - rises$ to the value of 0.0027 Watts/Hr 4-Polyurethanes does not produce bacteria, decay, stench, hygienic property on contemporary and technological products.In this sense, these products are eco-friendly products. These reasons in the automotive industry, mainly in transport, refrigeration, insulation, furniture, electronics, industrial parts manufacturing, shoe soles and health sector (bio compatible) used in sectors such as preferred.

C-Surface coating and protection

Surface coating and protection Directly on steel making wood and Pvc material special Lamination.We offer wood view without using the material. Many of the latest in our series (Hg, Silver, vintage and Monoblok-series) for special lamination band wooden view special PVC coating is laminated.

Just using the Polyurethane coating, Nordson system Cliffs made steel door in special steel with high value over lamination in adhesion, adhesion and gaining an extra strength across the shallow scratches. Also the wood without wood view, exposed to outside weather conditions on the application areas, the only available product for many years without problems.

Nordson Polyurethane Coating and paint any kind of lamination Other Apps Superiorities

1-Are Especially porous structure of Laminated MDF and Wood application conducted the difference, pasted, can't get wet due to the fact that the coating material made from steel and snaps the overlay on the surface.

2-MDF, and other such materials react with heat coatings made night gluing again in reaction to heat is different.Degradation, blistering and, while there was also reaction from Nordson Pu lamina syonun get up, not over heat exchange of the ash problem arises. For this reason, white goods, exterior aluminum, PVC joinery Industries such as this technique is preferred.

D-Leaf we use all around the aluminum profiles are anodized; Aluminum profile is your own custom design our profiles to rivet or screw hidden under the standards does not change an aesthetic appearance.





0,5 - 2 mm Galvanized Steel Sheet



Durma TP9 07 Serie Leaf CNC Punch



Corner 45° Cutting



Guillotine Shears



CNC Apkant 200 Ton



Frame Detail



Corner 45° Argon welding Detail



Steel Re-enforcement



Electrostatic Powder Paint Application



Corner 45° Welding



United Ready Cases



Furnace Case





Galvanized Steel Sheet



Guillotine Shears



Interior Room Door Profile



Nortson Lamination line



Durma TP9 07 CNC Punch



Ready Door



Polyurethane Filling Line







Polyurethane Press



Polyurethane Press Detail



Interior Hotel Room Technical Features



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444 1 694



Interior Hotel Room Technical Features



DOOR FRAME

- It is produced 1.5mm galvanized steel
- Elecktrostatic Powder Painted Frame
- Frame can be adjusted to 10 cm 16 cm wall thickness
- Over 16 cm holds special manufacturing (16 cm-26cm)

OPTIONAL

-Tuana (PVC lamination on steel) Frame or MDF frame coating can be done optional

DOOR LEAF

- It is made from 0,5mm 1 mm two monolith plates galvanized steel
- Special Silver, Gold or HG PVC lamination on galvanized steel surface

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- Inside door leaf is filled by 40 density polyurethane
- Inside door leaf around 1,2mmX20mmx40mm steel profile
- Door leaf thickness 4 cm
- Around door leaf aluminum U profile finish
- 120 minutes resistance to fire
- 50 dB sound isolation

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Standart Accessorries as Hotel Room Door



Special Accessorry as Hotel Room Door



- -4 pieces RFID card (up to 40 card optional)
- -6-12 digit password can be defined
- -Smart Touch Screen
- -Alarm in case of compulsion and high temperature
- -Low battery signal
- -Door Thickness 40mm-80mm
- -Lost Card Cancellation
- -Automatic locking system

Price: 350\$ additional fee per door

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FALEZ STEEL DOOR ,USE AND MAINTENANCE MANUAL, WARRANTY

FALEZ STEEL DOOR USE AND MAINTENANCE MANUAL, WARRANTY

This user manual contains the basic and introductory information about your door and the rules you need to observe during the operation of your door, during the maintenance of your door and how to avoid errors in use and the scope of the warranty.

From the point of view of production processes, we are distinguished from other players in our domain since we use high quality stainless steel bended into a monolithic structure from a single galvanized sheet and finish the fields of the door with aluminium profiles that hide the possible scratches, impurities and screw places, also increasing durability and corrosion resistance.

As we do not employ any welding and hide the screws the risk of corrosion is minimalized. In addition, a natural and quality appearance in terms of aesthetics is obtained. This original Falez Çelikkapı production technique has become a trademark to be found everywhere in Turkey with more than 200 channel dealers. In addition, with more than 30 sales channels in foreign countries, we continue to spreaden our knowhow internationally.

Falez Çelikkapı is applying ISO 2001, 9001 and 10002 quality standards in the management of the factory and its production. All of our products have a TSE Certificate and are guaranteed for 1 year against any production faults.

With Falez Celikkapı you can not have a door and at the same time have security weakness.

WARRANTY CONDITIONS

- 1 The warranty of our product starts immediately after delivery of the product; Your product will be under the great Falez Çelikkpi warranty for 2 years. Falez Steel door is fully and completely insured together with all its elements including frames and accessories.
- 2) In case your door fails during warranty period, the time passed at repair will be added to the warranty period. The maximum repair period for your door is 30 working days. The period will start after the delivery to the service station, and in case there is none any one of the product seller, dealer, agent, representation, importer or producer.
- 3) During the warranty period of your door, in case there is a failure due to either material and manpower or installation errors, labor costs, changed component or under any other name no charges will be required and the repair will be done.
- 4) Of your door:

Provided within the warranty period, if the same failure occurs more than twice within a year or if there are more than 4 failures and the product cannot be made use of, if the repair time has expired and if there is no service station, in turns, the seller, dealer, representer or importer or producer will prepare a report indicating that the repair is not possible and in this case the changement operation will be done without charges.

5) The failures that arise due to violation of the points indicated in this usage and maintenance guide and failures due to direct contact with natural conditions (rain, humidity and sun etc), failures resulting from robbery and force usage are outside the scope of our warranty. In addition using our doors in the opposition of their classification for internal environment and external environment usage is also outside the scope of the warranty.

USAGE CONDITIONS AND INSTRUCTIONS

- 1) Collect your door by controlling it after that your installation staff has mounted your door. Your signature on the delivery sheet inidicates that you have collected your door without damage and complete.
- 2) The paint, plaster, foam etc. that stick to your door during installation need to be wiped away without drying and scratching.
- 3) Each time you get out of the position or location that you are in you need to close your door completely. Do not leave your door open by putting mops and slippers. Chosing such a behaviour path wil cause your door to bang and to make a separation between the case and the wing. This in turn will provide a background for the locks and handles to not fit anymore.
- 4) If there is a wooden section in your door do not expose it to external factors (i.e. rain, humidity and sun). This will cause color changes and eruptive happenings in the wood of your door.
- 5) Certainly do not apply grease to your door barrels and lock pims. This kind of materials result in gathering dust in the lock mechanism and will damage your lock with the accumulation of dust.
- 6) Certainly do not apply grease, machine oil etc material to the hinges.
- 7) Sometimes in the internal handle there may be stiffening with time. This will make har der the closing of your door. In this case you can apply vaseline to the tongue of your handle to achieve healthy operation of your handle.
- 8) Do not use force on your internal handle. This will prevent healthy operation of your handle.

LEANING AND MAINTENANCE AT YOUR DOORS

1-Never clean your door with hard and scratched materials (mechanical dust cleaning materials containing wire or plastic brushes, particles, etc.) and bleaching agents (chlorine, salt spirit etc.).

2- Metal Accessories: These parts can be cleaned with a clean, slightly damp cloth.

3- Wooden Facade: Lightly dry with a little damp cloth.

4- Lock and Safety Pins: We would like to emphasize once again that you do not need any cleaning, lubrication and maintenance.

5-Binoculars: Dry your lenses with a slightly damp cloth.

6-Arm, knock, Name and Door Number Plate: Dry with a damp cloth.

7-Rubber Joint: Dry by wiping with a soapy wet cloth before removing it from the wicket. Powder a whole piece of cotton with this cotton and squeeze the whole joint. This prevents the joint from sticking to the door and makes it work more efficiently.



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