

EMSH

► **Dyer kundra zjarri**
Fire doors





Dyer kundra zjarrit

Dyert kundra zjarrit janë rezistente ndaj temperaturave dhe tymërave, pjesa e brendshme është e përbërë nga material izolues me mbrojtje të ndryshme dhe me aksesore në varësi të nevojave të klientit.

Fleta e derës është e përbërë nga lëminë e galvanizuar 8/10 me trashësi 60mm. Kasa është e përbërë nga trashësi lëmine 15/10 e përforcuar në të 4 anët nga një element metalik

Bravë standarte me cilindër e pajisur me kapak mbrojtës dhe shtresë çeliku

Dera është e pajisur nga një sistem antipanik i cili realizohet nga një dorezë me ulje ngritje vetëmbyllëse.

► REI EMSH



Firedoors

Fire resistant doors, temperature and / or smoke for interior layout with insulating pack made of mineral wool with different frames and accessories according to the type of use and application.

Door leaf is made of galvanized sheet 8/10, 60mm thick. Frame is made of sheet thickness 15/10 reinforced in the 4 sides of a metal element.

Standard lock with cylinder provided with a protective cap, coat steel

The door is equipped by a system antipanik which is carried out by a handle ups and downs autoclosing

Tabela e standartit të rezistencës ndaj zjarrit

EI2 60 standard , dere 1 kanat ose 2 kanat
EI2 90 standard , dere 1 kanat ose 2 kanat
RE 90 standard , dere 1 kanat ose 2 kanat
REI 60 standard , dere 1 kanat ose 2 kanat
REI 120 standard , dere 1 kanat ose 2 kanat

Table of standard resistance to fire

EI2 60 standard , single or double leaf
EI2 90 standard , single or double leaf
RE 90 standard, single or double leaf
REI 60 standard , single or double leaf
REI 120 standard, single or double leaf

Aksesoret e derës

Door accessories

Menteshë

- Vendosen dy copë për secilën fletë
- Montesha përbëhet: pjesa e poshtme me një vidë të regjistrueshme, pjesa e sipërme vjen në formë sferike e cila ka aftësi mbajtëse deri në 160 kg dhe me një numër rrotullimesh 2000 cikle, e përshtatshme për derë kundra zjarrit

Hinges

- Nr. 2 pcs hinges for each leaf of which one ball-bearing hinge with screws for vertical adjustment of the leaf, CE marked as per EN 1935, classified for up to 160 kg load, 200,000 cycles durability, suitable for fire door use and one hinge with self-closing spring



Kunj sigurie

- E vendosur në pjesën anësore vertikale të derës.

Safety bolts

- Safety bolts on hinge side leaf edge



Bravë

- Bravë me cilindër dhe kyçje qendrore komforn standarteve europiane CE EN12209

Locking mechanism

- Reversible locking mechanism with bolt and central lock CE marked in conformity with EN 12209 standard

Doreza

- Doreza është rezistente ndaj zjarrit me mbulesë çeliku
- Pjastrinë metalike e patentuar sipas cilindrit
- Mbulesa e dorezës është e përbërë me veshje plastike ngjyrë e zezë

Handle

- Fire rated handle in black plastic with steel core
- Steel installation plate with cylinder hole
- Cover plate in black plastic



Shul për mbylljen e kanatit fiks

- Funkcionon me anë të një ganxhe nëpërmjet të cilës kryejmë hapje dhe mbylljen e kanatit fiks.

Locking mechanism for inactive leaf

- "Flush-bolt" automatic locking of the inactive leaf



Udhëzues i sipërm i kunjit të shulit

- Udhëzuesi që ndihmon për futjen e shulit në kasën e derës i shoqëruar nga një kapak plastik i instaluar në kasën e derës

Upper coupling system for the inactive leaf

- Inactive leaf lock activated device which inserts rod into the upper strike box
- Upper strike box in black plastic with steel roller



Udhëzues i poshtëm i kunjit të shulit

- Udhëzuesi që ndihmon për futjen e shulit në dysheme e cila ndihmohet nga një kapak bronxi i vendosur në dysheme

Lower coupling system for the inactive leaf

- Vertical rod with steel point which inserts into lower strike box
- Floor catch made with bronze material





Te dhena teknike / Technical data

Furnizimi me energji power supply	24V DC
Thithje absorption	60mA
Forca force	50kg.
CE certification	0407-CPD-011 (IG-098-2004) /04
Konform standartit conformity with standard	EN 1155

Elektromagnet Electromagnets

Paisje elektromagnetike e pozicionuar në mur

Është e përbërë nga një plastikë e zezë është e veshur nga një shtresë çeliku të galvanizuar e kompletuar me dy butona dhe një fletë çeliku manjetike për të realizuar montimin me murin

EM wall mounted

EM wall electromagnet with white plastic casing, consisting of a galvanized metal core, both complete with unlock button. Anchor consisting of a nickel-plated plate and jointed baseboard.



Amortizatori i derës

Amortizatori i derës është një paisje që shërben për rimbylljen e derës. Paisja përmban dy rregullatorë njëra shërben për rregullimin e fuqisë dhe tjetri për rregullimin e shpejtësisë

Door closer

The door closer regulates the closure of the door so that the door leaf returns properly to its final closed position after being released. Regulation is influenced by closure force, speed and the final impact.



Doreze Antipanic Anti panic handles

Karakteristika

- Produkt me koncept të ri dizenjimi
- Mundësohet në ngjyra të ndryshme i kombinuar me çelik inoksi me një levë alumini të kromuar
- Mundësi kyçje nga një anë dhe me hapje nga doreza antipanic nga ana tjetër
- E përshtatshme për derë me hapje majtas ose djathtas ose në rastin kur dyert hapen të dyja njëkohësisht.

Features

- Newly designed product with state of the art technological concept
- Available several in color and surface combinations: brushed stainless steel for the lever arms and the bar, or aluminum with polished chrome lever arms and anodized aluminum bar, and finally the classic ever-green combination black plastic lever arms with anodized aluminum bar
- Possibility of locking by key on the bar side as well
- Reversible for Right or Left mounting



Klasifikimi dhe përshkrimet specifike

Performance requirements and classification

	HD L x H përmasat FM L x H dimensions	class	Përshkrueshmëri e ajrit sipas EN 1026:2001 air permeability according to EN 1026:2001	Transmetimi termik sipas EN 10077-1:2007 thermal transmittance according to EN 10077-1:2007	Padepërtueshmëri uji sipas EN 1027:2001 water-tightness according to EN 1027:2001	Rezistenca ndaj ngarkesës së erës sipas EN 12211: 2001 resistance to windload according to EN 12211:2001
pa dritare without window 	≤ 3,6 m ²	EW 60, EI ₂ 30 RE 90, REI 60	class 2	1,58 W/m ² K	class 2A	
	≤ 3,6 m ²	EI ₂ 60, EI ₂ 90, REI 120	class 2	1,49 W/m ² K	class 2A	
	540 - 900 x 1780 - 2150	ALL				class C2
me dritare 300x400 with window 300x400 	≤ 3,6 m ²	EI ₂ 60	class 2	2,01 W/m ² K	class 2A	
	≤ 3,6 m ²	EI ₂ 90, REI 120	class 2	1,94 W/m ² K	class 2A	
	≤ 3,6 m ²	RE 90, REI 60	class 2	2,09 W/m ² K	class 2A	
	900 x 1780 - 2150	ALL				class C2
Pa dritare without windows 	≤ 3,6 m ²	EI ₂ 60	class 3	1,88 W/m ² K	class 3A, 9B	
	> 3,6 m ²	EI ₂ 60	class 3	1,52 W/m ² K	class 3A, 9B	
	≤ 3,6 m ²	EI ₂ 90, REI 120	class 3	1,88 W/m ² K	class 3A, 9B	
	> 3,6 m ²	EI ₂ 90, REI 120	class 3	1,51 W/m ² K	class 3A, 9B	
	≤ 3,6 m ²	RE 90, REI 60	class 3	1,99 W/m ² K	class 3A, 9B	
	> 3,6 m ²	RE 90, REI 60	class 3	1,62 W/m ² K	class 3A, 9B	
	940 - 2000 x 1780 - 2150	ALL				class C2
me dritare 300x400 with window 300x400  	≤ 3,6 m ²	EI ₂ 60	class 3	2,91 W/m ² K	class 3A, 9B	
	> 3,6 m ²	EI ₂ 60	class 3	2,15 W/m ² K	class 3A, 9B	
	≤ 3,6 m ²	EI ₂ 90, REI 120	class 3	2,78 W/m ² K	class 3A, 9B	
	> 3,6 m ²	EI ₂ 90, REI 120	class 3	2,06 W/m ² K	class 3A, 9B	
	≤ 3,6 m ²	RE 90, REI 60	class 3	2,92 W/m ² K	class 3A, 9B	
	> 3,6 m ²	RE 90, REI 60	class 3	2,19 W/m ² K	class 3A, 9B	
	1300 - 2000 x 1780 - 2150	ALL				class C2

Lyerja

- Standart lyerje me boje elektrostatik
- Rezistent ndaj gërvishtjesh
- Zgjedhje e ngjyrave standarti RAL colors



Painting

- This standard door is painted with thermoset powders
- Anti-scratch
- Choose from a wide range of RAL colors.

Ngjyra për përdorim të jashtëm dhe të brendshëm pa çmim suplementar

Lyerje për jashtë dhe brenda (grupi 01) puder polyester.
Grupi i Ngjyrave RAL Colors që disponojmë pa çmim suplementar

COLORS FOR INTERIOR USE WITHOUT PRICE SUPPLEMENT

Paint for interior use (group 01) with polyester powders.
RAL Colors group that we possess without extra price

Grupi 01 - ngjyrat standarte: Group 01 - standard colors:

RAL	RAL	RAL	RAL	RAL	RAL	RAL
8014	3003	9005	9006*	1013	9016	7016
						
RAL						
7035						
						

Ngjyra për përdorim të jashtëm dhe të brendshëm me çmim suplementar

Lyerje për jashtë dhe brenda (grupi 02) puder polyester.
Me shumë ngjyra të tjera të RAL Color behen me çmim suplementar sipas kërkesës së klientit.

COLORS FOR INTERIOR USE WITH PRICE SUPPLEMENT

Paint for interior use (group 02) with polyester powders.
More other RAL colors need to be with supplementary price according to customer demand.

Grupi 02: Me porosi Group 02: by order

RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
1015	5024	6000	7024	7038	8011	9001	9002
							
RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
9011	9016	9018	3020	5012	5015	6005	
							
RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
1001	1003	3000	7001	7004	7011	7030	
							
RAL	RAL	RAL	RAL	RAL	RAL	RAL	RAL
7032	7037	7040	7042	7047	8019	9007*	
							

Opsione per aksesore shitese

Specific optional accessories

DRITARE XHAMI REZISTENTE NDAJ ZJARRIT

Pershkrimi i mesiperperm ban dy nivele te dyerve kundra zjarrit. Ne perputhje me Ew60 dhe Ei230. Dritaret jane ne dy versione ne forme te rumbullaket dhe drejtkendore. Materialet perbehen nga xham kundra zjarrit dhe kornize metalike. Dritaret nuk jane te mundshme te perdoren per dyer me hapesire muri me te madhe se 1167mm.

WINDOW WITH FIRE RATED GLASS

Upon request all one- and two-leaved fire doors, excluding those EW 60 and EI230 rated, may be equipped with round or rectangular windows with fire rated stratified glass and respective window frames fixed with screws. The window frame carter is included for round window and available as an optional accessory for the rectangular one. Windows not possible for one-leaved REI doors with FM L (wall opening) above 1167mm.



Kufijte e percaktuar nga standartet

Ne perputhje te plote me standartin UNI 9723 dhe EN 1634-1, dritarja mund te jete me e vogel por jo me e madhe se tipologjite e testuara ne dimensionin e dhene. Kufiri i telajos mbajtese duhet te jete me i gjere por jo me i holle.

Limits prescribed by standards

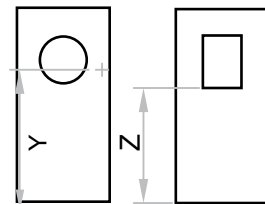
According to standards UNI 9723 and EN 1634-1, windows may be smaller but not larger than the test sample size, and the reverse holds true for the border strip around the window which may be wider but not thinner. The following limits correspond with these restrictions.

Kufijte, pozicionimi i dritareve

"Dimensioni" i referohet distances nga cepi i kornizes deri ne dysHEME per drejtkendoren dhe nga aksi ne dysHEMEPER dritaret rrethore.

Borders, window position

The dimensions are related for the corner till floor for the rectangular while for the axle until floor are the circular cut windows.



Elevation for round windows

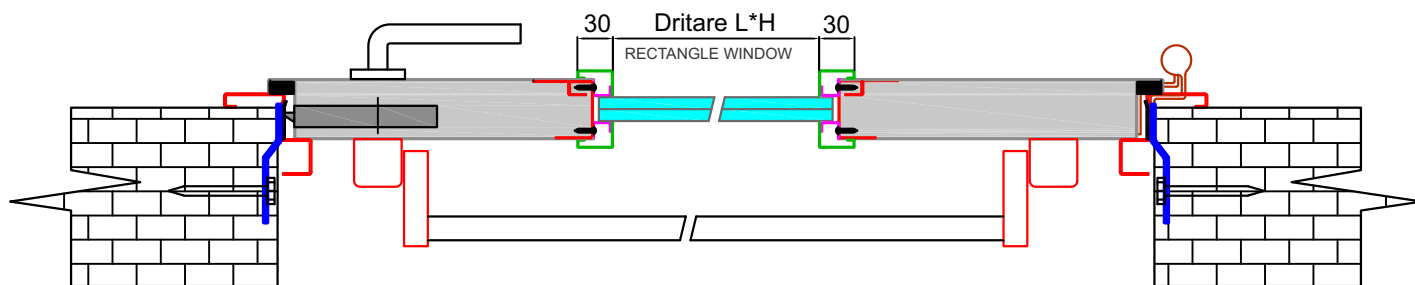
window size	FM H	position
Ø 300	minimum 2050	Y=1600
Ø 300	less than 2050	Y=FM H - 450
Ø 400	minimum 2150	Y=1600
Ø 400	from 2050 to 2149	Y=1550
Ø 400	less than 2050	Y=FM H - 500

Elevation for rectangular windows

window dimensions L x H	FM H	position
250/300 x 400	minimum 2150	Z=1450
250/300 x 400	from 2050 to 2149	Z=1350
250/300 x 400	less than 2050	Z=FM H - 700

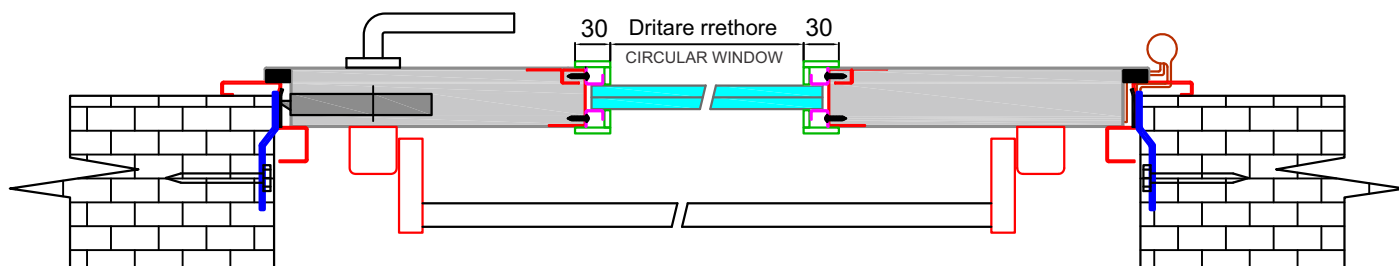
DERE REI ME XHAM DREJTEKNDOR L*H

FIRE DOORS RECTANGLE WINDOW L*H



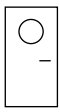
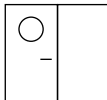
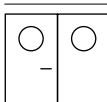
DERE REI ME XHAM RRETHOR

FIRE DOORS CIRCULAR WINDOW L*H

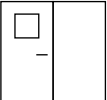
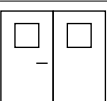


Opsione per aksesore shitese

Specific optional accessories

Window dimensions		min. border EI ₂		min. border RE, REI		dimensions FM L min.
		a	b	a	b	
	Ø 300	220	300	220	300	740
	Ø 400					840
	Ø 300	220	300	220	300	L1 740 + L2 min.
	Ø 400					L1 840 + L2 min.
	Ø 300	220	300	220	300	L1 740 + L2 740
	Ø 400					L1 840 + L2 840

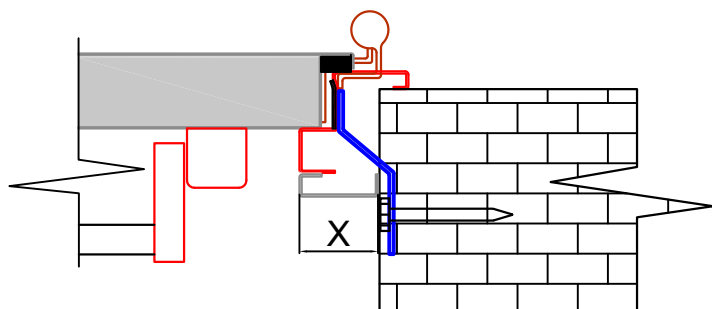


Window dimensions		min. border EI ₂		min. border RE, REI		dimensions FM L min.
		a	b	a	b	
	250 x 400	250	300	300	300	EI ₂ =750 RE, REI=850
	300 x 400					EI ₂ =800 RE, REI=900
	250 x 400	300	300	300	300	L1 850 + L2 min.
	300 x 400					L1 900 + L2 min.
	250 x 400	300	300	300	300	L1 850 + L2 850
	300 x 400					L1 900 + L2 900



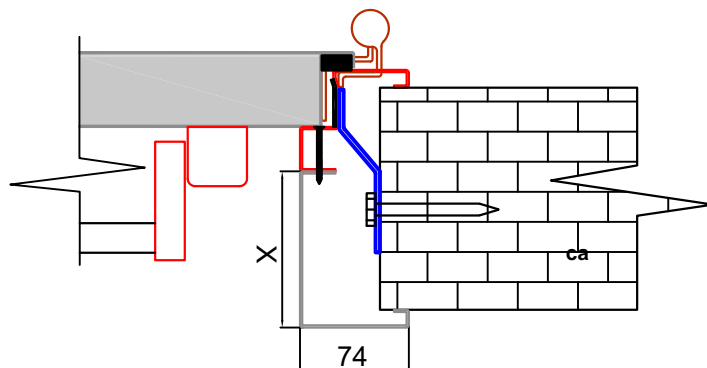
Ilustrimi i montimit te kases se deres (menyra 1)

Frame doors details installation (ways 1)



Ilustrimi i montimit te kases se deres (menyra 2)

Frame doors details installation (ways 2)

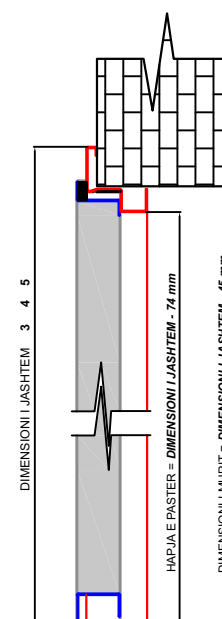
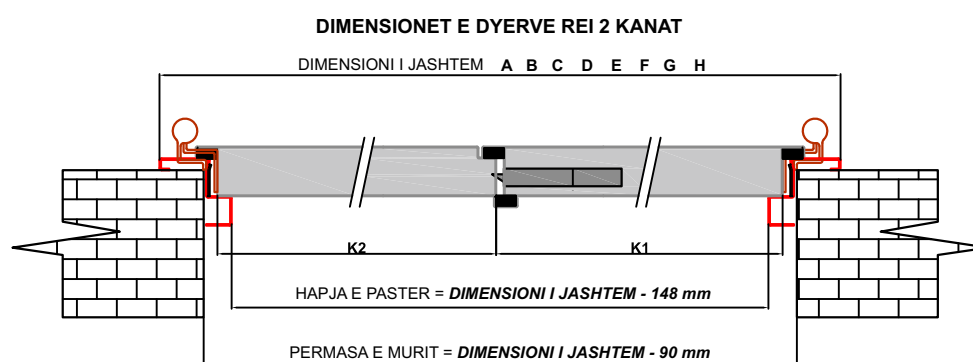
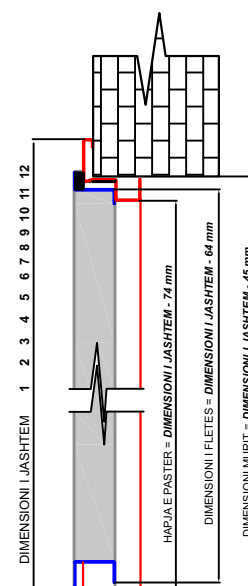
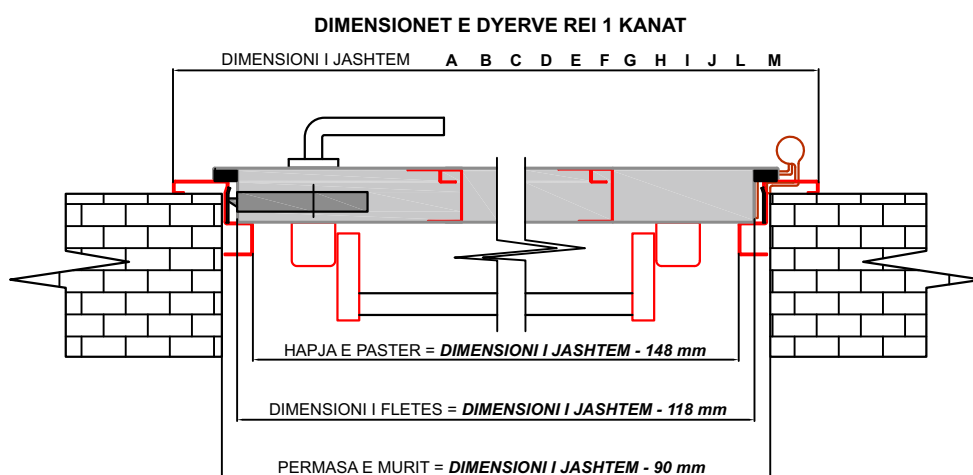


REI: Trashesia e deres 50 mm, minimumi i trashesise se murit per instalim 100 mm.

REI: for 50mm door thickness, for installation on 100mm (min.)

Seksionet e dyerve të derës - Matjet

Door cross sections - Measurements



Trashesia / Thicknesses

Klasa / class	leaves	doorframe
REI60, REI 90, REI 120	50-60 mm	s = 55-65 mm

SHENIM

Toleranca e hapsires drite te murit me deren eshte +20mm ne gjeresi dhe +10mm ne lartesi.
 * Shenimet e mesiperme jane per tu marre ne konsiderate nga grupet e ndertimit.

NOTE

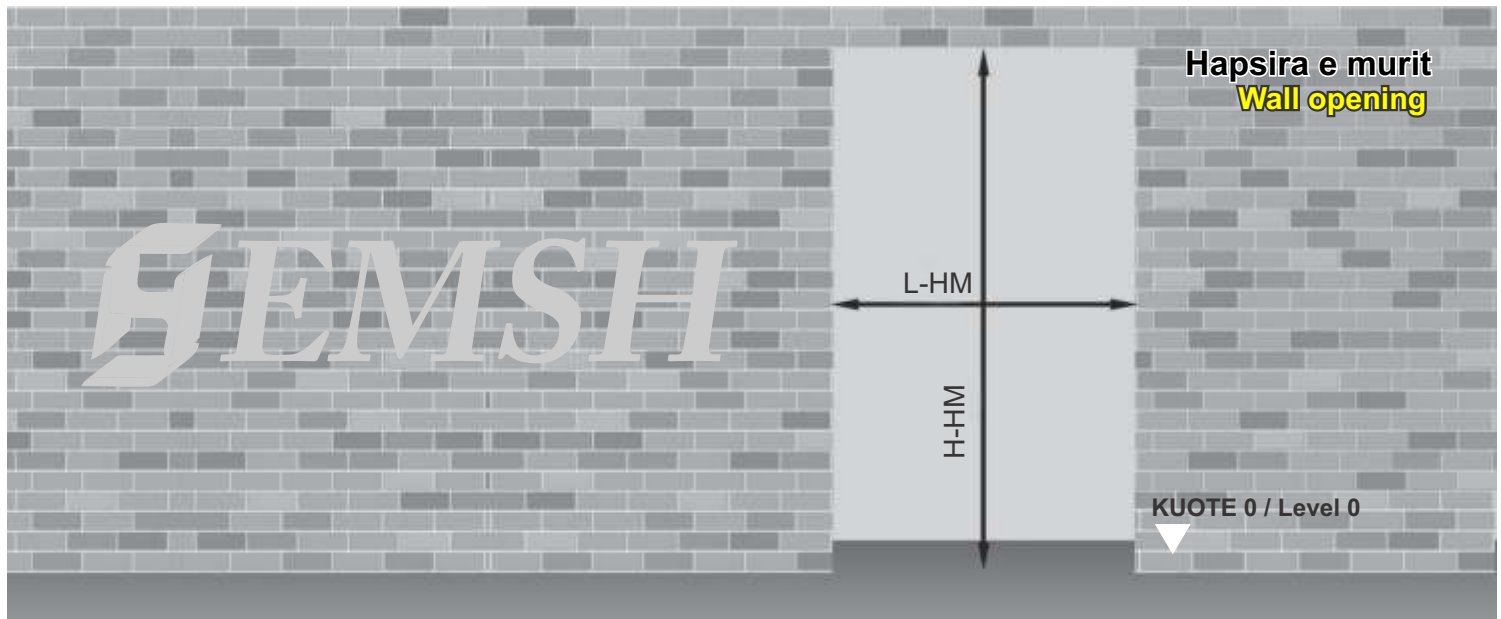
+20 +15

The tolerances FM L +10, FM H +5 of the indicated measurements make it easier to fill the gap between the wall and the doorframe with cement mortar.

* Shimming to be done, mandatory in case of installation onto emergency exit routes.

Specifikimet e masave

Order Measurements



DYER REI 1 KANAT / ONE LEAVED DOORS

Kodi/Code	L= Dimensioni hapsire muri ne gjeresi L= opening dimension wall	H= Dimensioni hapsire muri ne lartesi H= opening dimension wall	Klasi / Class
REI 0	828	1974	RE 90, REI 60, REI 120
REI 1	848	1994	RE 90, REI 60, REI 120
REI 2	888	2034	RE 90, REI 60, REI 120
REI 3	928	2054	RE 90, REI 60, REI 120
REI 4	928	2104	RE 90, REI 60, REI 120
REI 5	928	2144	RE 90, REI 60, REI 120
REI 6	1008	2054	RE 90, REI 60, REI 120
REI 7	1008	2104	RE 90, REI 60, REI 120
REI 8	1008	2144	RE 90, REI 60, REI 120
REI 9	1108	2054	RE 90, REI 60, REI 120
REI 10	1108	2104	RE 90, REI 60, REI 120
REI 11	1108	2144	RE 90, REI 60, REI 120

DYER REI 2 KANAT / TWO-LEAVED DOORS

Kodi/Code	L= Dimensioni hapsire muri ne gjeresi L= opening dimension wall	H= Dimensioni hapsire muri ne lartesi H= opening dimension wall	Klasi / Class
REI 0	1148	2054 / 2104 / 2144	RE 90, REI 60, REI 120
REI 1	1228	2055 / 2104 / 2144	RE 90, REI 60, REI 120
REI 2	1308	2056 / 2104 / 2144	RE 90, REI 60, REI 120
REI 3	1388	2057 / 2104 / 2144	RE 90, REI 60, REI 120
REI 4	1468	2058 / 2104 / 2144	RE 90, REI 60, REI 120
REI 5	1548	2059 / 2104 / 2144	RE 90, REI 60, REI 120
REI 6	1634	2060 / 2104 / 2144	RE 90, REI 60, REI 120
REI 7	1834	2061 / 2104 / 2144	RE 90, REI 60, REI 120

Specifikimet e masave

Order Measurements



DYER REI 1 KANAT / ONE LEAVED DOORS

Kodi/Code	L= Dimensioni hapsires kases se deres L= opening clear use dimension	H= Dimensioni hapsires kases se deres H= opening clear use dimension	Klasi / Class
REI 0	776	1948	RE 90, REI 60, REI 120
REI 1	796	1968	RE 90, REI 60, REI 120
REI 2	836	2008	RE 90, REI 60, REI 120
REI 3	876	2028	RE 90, REI 60, REI 120
REI 4	876	2078	RE 90, REI 60, REI 120
REI 5	876	2118	RE 90, REI 60, REI 120
REI 6	956	2028	RE 90, REI 60, REI 120
REI 7	956	2078	RE 90, REI 60, REI 120
REI 8	956	2118	RE 90, REI 60, REI 120
REI 9	1056	2028	RE 90, REI 60, REI 120
REI 10	1056	2078	RE 90, REI 60, REI 120
REI 11	1056	2118	RE 90, REI 60, REI 120

DYER REI 2 KANAT / TWO-LEAVED DOORS

Kodi/Code	L= Dimensioni hapsires kases se deres L= opening clear use dimension	H= Dimensioni hapsires kases se deres H= opening clear use dimension	Klasi / Class
REI 0	1096	2028 / 2078 / 2118	RE 90, REI 60, REI 120
REI 1	1176	2029 / 2078 / 2118	RE 90, REI 60, REI 120
REI 2	1256	2030 / 2078 / 2118	RE 90, REI 60, REI 120
REI 3	1336	2031 / 2078 / 2118	RE 90, REI 60, REI 120
REI 4	1416	2032 / 2078 / 2118	RE 90, REI 60, REI 120
REI 5	1496	2033 / 2078 / 2118	RE 90, REI 60, REI 120
REI 6	1582	2034 / 2078 / 2118	RE 90, REI 60, REI 120
REI 7	1782	2035 / 2078 / 2118	RE 90, REI 60, REI 120

Dimensionet e hapjes - përmasat e përgjithshme

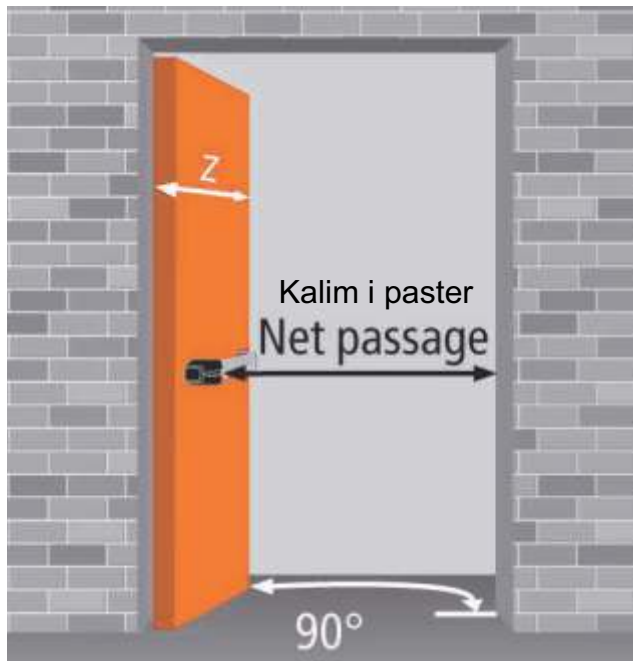
Opening measurements - overall dimensions

Dimensionet me hapje deri ne 90 grade

DIMENSIONS WITH 90 DEGREE OPENING

Dere me 1 kanat me antipanik

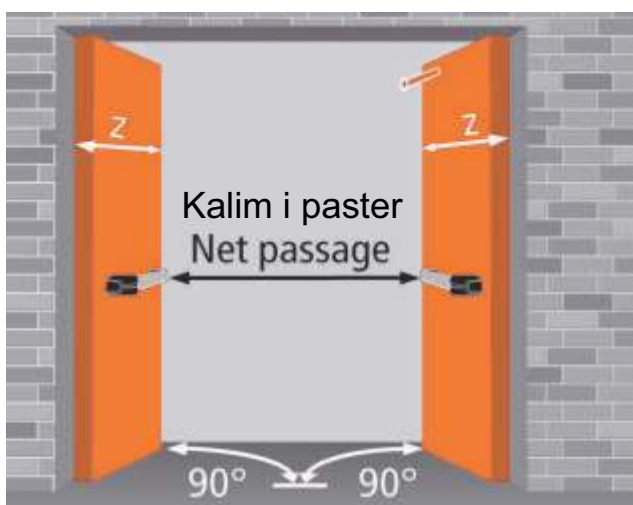
One-leaved doors with panic bar



DYER REI 1 KANAT / ONE LEAVED DOORS		
Kodi/Code	Kalimi i paster Net passage	Klasi / Class
REI 0	646	RE 90, REI 60, REI 120
REI 1	666	RE 90, REI 60, REI 120
REI 2	706	RE 90, REI 60, REI 120
REI 3	746	RE 90, REI 60, REI 120
REI 4	746	RE 90, REI 60, REI 120
REI 5	746	RE 90, REI 60, REI 120
REI 6	826	RE 90, REI 60, REI 120
REI 7	826	RE 90, REI 60, REI 120
REI 8	826	RE 90, REI 60, REI 120
REI 9	926	RE 90, REI 60, REI 120
REI 10	1056	RE 90, REI 60, REI 120
REI 11	1056	RE 90, REI 60, REI 120

Dere me 2 kanat me antipanik

Two-leaved doors with panic bar



DYER REI 2 KANAT / ONE LEAVED DOORS		
Kodi/Code	Kalimi i paster Net passage	Klasi / Class
REI 0	836	RE 90, REI 60, REI 120
REI 1	916	RE 90, REI 60, REI 120
REI 2	996	RE 90, REI 60, REI 120
REI 3	1076	RE 90, REI 60, REI 120
REI 4	1156	RE 90, REI 60, REI 120
REI 5	1236	RE 90, REI 60, REI 120
REI 6	1322	RE 90, REI 60, REI 120
REI 7	2152	RE 90, REI 60, REI 120

Dimensionet e hapjes - përmasat e përgjithshme

Opening measurements - overall dimensions

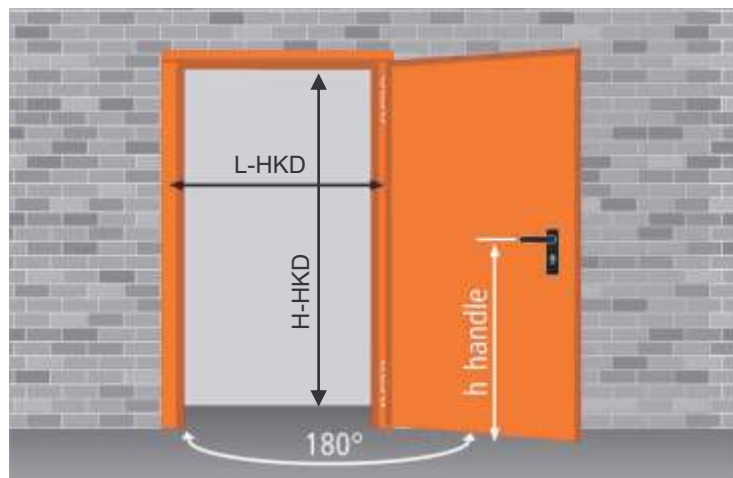
Dimensionet me hapje deri ne 180 grade

OVERALL DIMENSIONS WITH 180 DEGREE

Dere me 1 kanat

One-leaved doors

h handle =970mm



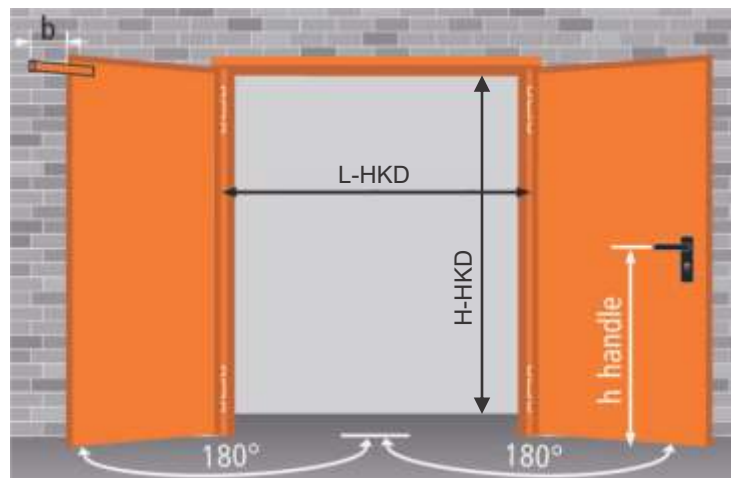
Dere me 2 kanata

Two-leaved doors

h handle =970mm

b = 130 (merret ne konsiderate vetem kur kemi antipanik)

b = 130 (only in the presence of panic bars or M14 handles)



DYER REI 1 KANAT / ONE LEAVED DOORS

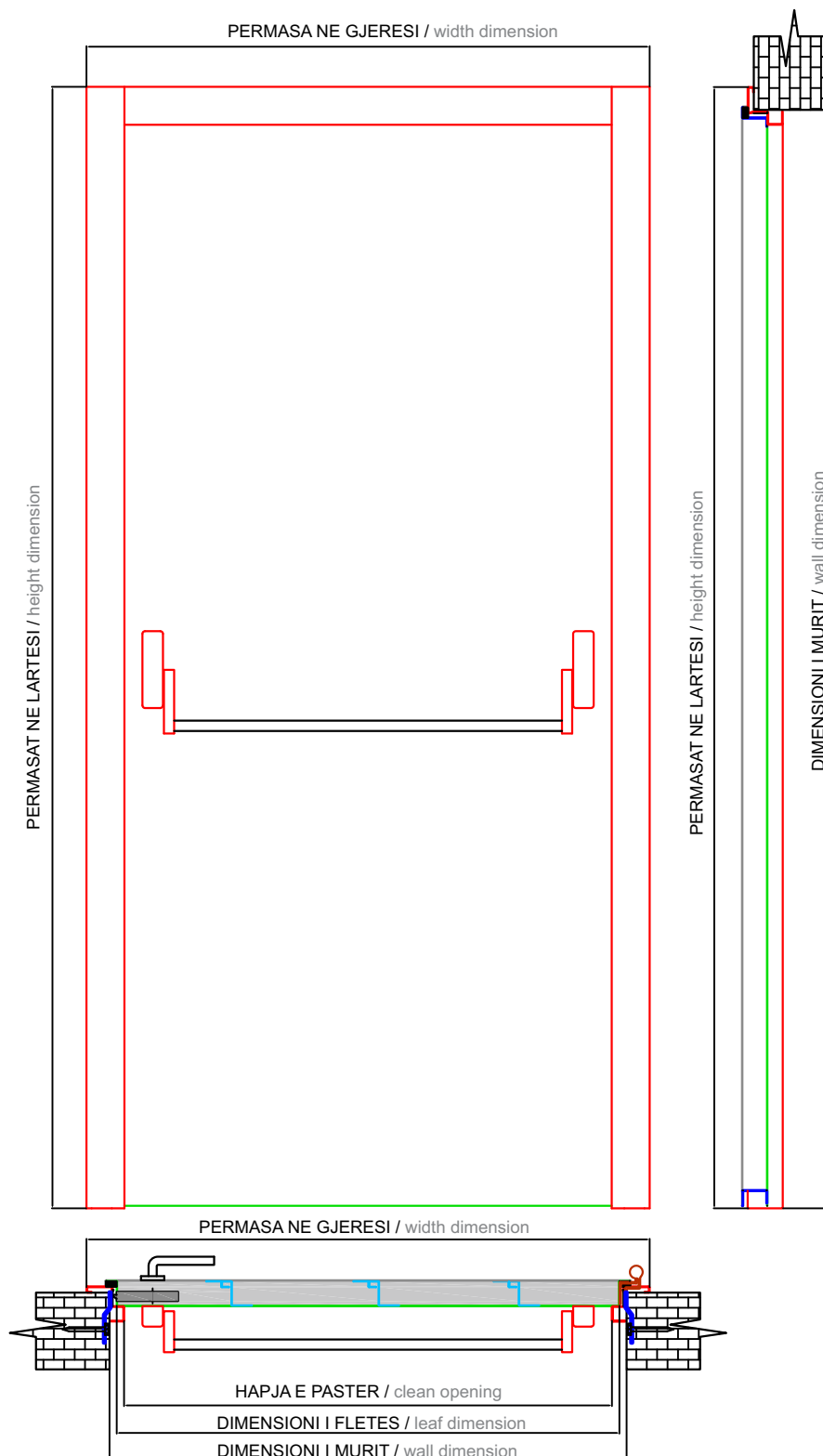
Kodi/Code	L= Dimensiononi hapsires kases se deres L= opening clear use dimension	H= Dimensiononi hapsires kases se deres H= opening clear use dimension	Klasi / Class
REI 0	776	1948	RE 90, REI 60, REI 120
REI 1	796	1968	RE 90, REI 60, REI 120
REI 2	836	2008	RE 90, REI 60, REI 120
REI 3	876	2028	RE 90, REI 60, REI 120
REI 4	876	2078	RE 90, REI 60, REI 120
REI 5	876	2118	RE 90, REI 60, REI 120
REI 6	956	2028	RE 90, REI 60, REI 120
REI 7	956	2078	RE 90, REI 60, REI 120
REI 8	956	2118	RE 90, REI 60, REI 120
REI 9	1056	2028	RE 90, REI 60, REI 120
REI 10	1056	2078	RE 90, REI 60, REI 120
REI 11	1056	2118	RE 90, REI 60, REI 120

DYER REI 2 KANAT / TWO-LEAVED DOORS

Kodi/Code	L= Dimensiononi hapsires kases se deres L= opening clear use dimension	H= Dimensiononi hapsires kases se deres H= opening clear use dimension	Klasi / Class
REI 0	1096	2028 / 2078 / 2118	RE 90, REI 60, REI 120
REI 1	1176	2029 / 2078 / 2118	RE 90, REI 60, REI 120
REI 2	1256	2030 / 2078 / 2118	RE 90, REI 60, REI 120
REI 3	1336	2031 / 2078 / 2118	RE 90, REI 60, REI 120
REI 4	1416	2032 / 2078 / 2118	RE 90, REI 60, REI 120
REI 5	1496	2033 / 2078 / 2118	RE 90, REI 60, REI 120
REI 6	1582	2034 / 2078 / 2118	RE 90, REI 60, REI 120
REI 7	1782	2035 / 2078 / 2118	RE 90, REI 60, REI 120

Skede teknike / Drawing data

Dere me 1 kanat / One-leaved doors



Skede teknike / Drawing data

Dere me 2 kanat / Two-leaved doors

