

## 2000 B CERTIFICATIONS - CAR AND LANDING DOOR LOCKS

Product Type	IP	Reference Area	Reference Standard	Certificate No.
Landing Door Lock	IP20	China	GB 7588-2003 GB 21240-2007	TX F340-022-14 0075 TX F340-022-15 0073
		Europe	2014/33/EU	CA50.00388
		North America	ASME A17.1 ASME A17.5 UL 508	SA33315 Vol.1 Sec.1
		Russia, Belarus, Kazakhstan	TP TC 011/2011 EN 81-1	RU C-IT.M506.B.00088
	IP54/65	China	GB 7588-2003 GB 21240-2007	TX F340-022-14 0056
		Europe	2014/33/EU	CA50.00388
		North America	ASME A17.1 ASME A17.5 UL 508	SA33315 Vol.1 Sec.1
	IP20	China	GB 7588-2003 GB 21240-2007	TX F340-022-15 0013
Car Door Lock		Europe	EN 81-20&50	985

## 2000 B CERTIFICATIONS – FIRE RATED DOORS

Reference Standard	Door Type	Fire rating	Execution	TB min	TB Max	TH min	TH Max	Notified Body	Certificate No.
BS 476.22	Framed Glass	E 60	2R/L	500	1600	1900	2200	Exova Warringtonfire	WF Assessment No. C81905
			2Z						
			3R/L	700	2500				
			4Z						
			1R/L	500	800				
	Insulated	EI 120	2R/L		500		1600		
			2Z						
			3R/L	700	3000				
			4Z						
			6Z	1000					
		1R/L	500	1000					
		EI 60		2R/L	500		1600		
				2Z					
			3R/L	700	3000				
			4Z						
	6Z		1000						
	Uninsulated	E 120	1R/L	500	1800				
			2R/L						
			3R/L	700	3000				
			4Z						
			6Z	1000					
		1R/L	500	1000					
		E 240		2R/L	500		1800		
				2Z					

Reference Standard	Door Type	Fire rating	Execution	TB min	TB Max	TH min	TH Max	Notified Body	Certificate No.		
			3R/L	700	3000						
			4Z								
			6Z	1000	1000						
			1R/L	500							
BY GOST 22011-95	Insulated	EI 60	2R/L	700	1400	1500	2650	STROYTEKHNORM	Cert. No. BY/112 02.01.022 00404		
			2Z								
			3R/L	1000	1700						
			4Z								
DIN 18091	Uninsulated	Suitable for installation as closing element of F90 class fire proof shafts, according to DIN 4102, part 4 (March 1994)	2R/L	-	2500	-	2500	TÜV SÜD	Prüfbericht No. PBDIN91_SemB16		
			2Z								
			3R/L								
			4Z								
			6Z								
			1R/L								
EN 81-58	Framed Glass	E 120	2R/L	600	1600	1900		Exova Warringtonfire	WF Assessment No. 153371		
			2Z								
			3R/L		3200						
			4Z								
			6Z	1200							
	Insulated	EI 120	2R/L	700	1600					3000	
			2Z								
			3R/L								
			4Z	3001	3200					2500	
				700	3000					3000	
			6Z	3001	3200					2500	
				1400	3000						
		EI 60	2R/L	600	1600					3000	
			2Z								
			3R/L		3000						
			4Z								3001
			6Z	1200	3000						
	Uninsulated	EW 60	2R/L	600	1600					3000	
			2Z								
			3R/L		3000						
			4Z								3000
			6Z	1200							
		E 120 [EW 60 without glazed apertures]	2R/L	600	1600						
			2Z								
			3R/L		3000						
			4Z								

Reference Standard	Door Type	Fire rating	Execution	TB min	TB Max	TH min	TH Max	Notified Body	Certificate No.
				3001	3200		2500		
			6Z	1200	3000		3000		
Marine IMO - SOLAS 74 Chap.II-2	Insulated	A-60	2Z	600	1200		2000	RINA	Cert. No. MED224713CS/002
	Uninsulated	A-0							Cert. No. MED224713CS/001
RU GOST 30247.3	Insulated	EI 60	2R/L	700	1400	2000	2650	SG-Vostok	Cert. No. C-IT.ПБ65.B.00379
				1500	2850		3500		
			2Z	700	1400		2650		
				1500	2850		3500		
			3R/L	700	1400		2650		
				1500	2850		3500		
			4Z	700	1400		2650		
				1500	2850		3500		
	Uninsulated	E 60	2R/L	700	1400		2650		Cert. No. C-IT.ПБ65.B.00378
				1500	2850		3500		
			2Z	700	1400		2650		
				1500	2850		3500		
			3R/L	700	1400		2650		
				1500	2850		3500		
			4Z	700	1400		2650		
				1500	2850		3500		
RU GOST R 55896 Framed Glass			2R/L	900	1400		2600	Mienselt Trade Corp	Cert. No. C-IT.ПБ25.B.03261
			2Z						
SGP EN 81-58	Framed Glass	E 120	2R/L	600	1200	1900	2250	SETSCO	Cert. No. FSP-2015-0284
			2Z		1600				
			3R/L		2400				
			4Z		3200				
			6Z		1200				
		E 60	2R/L	600	1600		2500		
			2Z		3000				
			3R/L		3200				
			4Z		3200				
			6Z		1200				
	Uninsulated	E 120	2R/L	600	1600		3000		
			2Z				2500		
3000									
2500									
3R/L			3000						
			2500						

Reference Standard	Door Type	Fire rating	Execution	TB min	TB Max	TH min	TH Max	Notified Body	Certificate No.
			4Z		3000		3000		
				3001	3200		2500		
			6Z		3000		3000		
				1200	3200		2500		
UA prEN 81-8	Insulated	EI 60	2R/L	700	1300	1500	2300	State Certification Centre of MOE of Ukraine	Cert. No. UA1.016.0166500-13
			2Z						Cert. No. UA1.016.0166514-13
			4Z	910	1690				Cert. No. UA1.016.0166521-13