

2000 B-G 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
Car Door Lock	IP20	China	GB 7588-2003 GB 21240-2007	TX F340-022-15 0013
		Europe	EN 81-20&50	985
	IP54/65			

2000 B-G 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		3000		
	2R/L	500	1600						
	2Z				700	3000			
	3R/L	3001	3400	3001			3600		
	4Z				1000	3000			
	6Z	500	1600	1900			3000		
	1R/L				700	3000			
	2R/L								700
	2Z	1000	1000						
	3R/L			500	1800				
	4Z					700	3000		
	6Z	1000	1000						
	1R/L			500	1800				
	2R/L					700	3000		
	2Z	1000	1000						
	3R/L			500	1800				
	4Z					700	3000		
	6Z	1000	1000						
	1R/L			500	1800				
	2R/L					700	3000		
	2Z	1000	1000						
	3R/L			500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z	700					3000			
6Z		1000	1000						
1R/L				500	1800				
2R/L	700					3000			
2Z		1000	1000						
3R/L				500	1800				
4Z									

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						
			1R/L	500	1000					
BY GOST 22011-95	Insulated	EI 60	2R/L	700	1400	1500	2650	STROYTEKH NORM	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	-		TÜV SÜD	Prüfbericht No. PBDIN91_SemB16	
			2Z							
			3R/L							
			4Z							
			6Z							
			1R/L							
EN 81-58	Framed Glass	E 120	2R/L	700	1600	1900	2500	Exova Warringtonfire	WF Assessment No. 148154	
			2Z							
			3R/L							
			4Z	800	3200					
			6Z	1500						
	Insulated	EI 120	2R/L	800	1600		3000			
			2Z							
			3R/L							
			4Z	3001	3200					
			6Z	800	3000					
				3001	3200					
		EI 60	2R/L	700	1600		3000			
										2Z
										3R/L
			4Z	3001	3200					
				800	3000					
			6Z	3001	3200					
				1500	3000					
				3000						
	Uninsulated	E 120		3001	3400	3001	3600	WF Assessment No. 342552		
		EW 60	2R/L	700	1600	1900	3000	WF Assessment No. 148154		
			2Z							
			3R/L							
			4Z	800						
			6Z	1500						
		E 120 [EW 60 without glazed apertures]	2R/L	700	1600					
			2Z							
			3R/L							

Reference Standard	Door Type	Fire rating	Execution	TB min	TB Max	TH min	TH Max	Notified Body	Certificate No.						
			4Z	3001	3200		2500								
				800	3000		3000								
			6Z	3001	3200		2500								
				1500	3000		3000								
			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									
6Z	700	1400		2650											
	1500	2850		3500											
Uninsulated	E 60	2R/L		700	1400	2650									
				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										
6Z	700	1400	2650												
	1500	2850	3500												
RU GOST R 55896 Framed Glass			2R/L	900	1400		2600	Mienselt Trade Corp	Cert. No. C-IT.ПБ65.B.03261						
			2Z												
SGP EN 81-58	Framed Glass	E 120	2R/L	600	1200	1900	2250	SETSCO	Cert. No. FSP-2015-0284						
			2Z												
			3R/L												
			4Z												
			6Z	1200	3200										
		E 60	2R/L	600	1600		2500								
			2Z												
			3R/L												
			4Z							3000					
			6Z	1200	3200										
	Uninsulated	E 120	2R/L	600	1600		3000								
							2500								
			2Z				3000								
							2500								
			3R/L				3000								
							2500								
			4Z				3000								
							2500								
6Z	3001	3200	2500												

Reference Standard	Door Type	Fire rating	Execution	TB min	TB Max	TH min	TH Max	Notified Body	Certificate No.
				1200	3000 3200		3000 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