

2000 B-HR CERTIFICATIONS - CAR AND LANDING DOOR LOCKS

Product Type	IP	Reference Area	Reference Standard	Certificate No.
Landing Door Lock	IP20	China	GB 7588-2003	TX F340-022-14 0075
			GB 21240-2007	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
	IP54/65	Russia, Belarus, Kazakhstan	TP TC 011/2011 EN 81-1	RU C-IT.M506.B.00088
		China	GB 7588-2003 GB 21240-2007	TX F340-022-14 0056
		Europe	2014/33/EU	CA50.00388
Car Door Lock	IP20	North America	ASME A17.1 ASME A17.5 UL 508	SA33315 Vol.1 Sec.1
		China	GB 7588-2003 GB 21240-2007	TX F340-022-15 0014
		Europe	EN 81-20&50	986
		North America	ASME A17.1 ASME A17.5 UL 508	SA33315 Vol.1 Sec.2

2000 B-HR 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		1000				
		EI 60	2R/L	500	1600				
			2Z						
			3R/L	700	3000				
			4Z						
			6Z	1000					
			1R/L	1000					
	Uninsulated	E 120	2R/L	500	1800				
			2Z						
			3R/L	700	3000				
			4Z						
			6Z	1000					
			1R/L	1000					
		E 240	2R/L	500	1800				
			2Z						
			3R/L	700					

Reference Standard	Door Type	Fire rating	Execution	TB min	TB Max	TH min	TH Max	Notified Body	Certificate No.						
			4Z		3000										
			6Z	1000											
			1R/L	500	1000										
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												
			4Z												
			6Z	1200	3200										
	Insulated	EI 120	2R/L	700	1600		3000								
			2Z												
			3R/L												
			4Z	3001	3200		2500								
			6Z	700	3000		3000								
				3001	3200		2500								
		EI 60	6Z	1400	3000		3000								
				3001	3200										
			2R/L	600	1600		2500								
			2Z												
			3R/L												
			4Z												
		EW 60	6Z	3001	3200		3000								
				1200	3000										
	Uninsulated		2R/L	600	1600		2500								
			2Z												
			3R/L												
			4Z												
	E 120 [EW 60 without glazed apertures]	6Z	1200	3000						3000					
		2R/L	600	1600			2500								
		2Z													
		3R/L													
		4Z													
		6Z	3001	3200											

Reference Standard	Door Type	Fire rating	Execution	TB min	TB Max	TH min	TH Max	Notified Body	Certificate No.	
				1200	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			
	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	3200					
		E 60	2R/L	600	1600		2500			
			2Z		3000					
			3R/L		3200					
			4Z		3200					
			6Z	1200	3200					
	Uninsulated	E 120	2R/L	600	1600		3000		2500	
							2500			
			2Z				3000			
							2500			
			3R/L				3000			
							2500			
			4Z				3000			
				2500						
			6Z	3001	3200		2500			
				1200	3000		3000			

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