

Firestone RubberGard® EPDM

European Testing Program

Country	Institute	Built-up / membrane	Method / Standard	Date	Report	Result
Fire						
Belgium	WFRC	.060" FR (on Concrete with BA)	NF P 92-501	02-04-1992	6834	M2
	WFRC	.045" FR - Bi-3 PUR - Plywood - Adhered	EN 1187-1	14-11-1996	8300A	Passed
	WFRC	.045" FR - Bi-3 PUR - Plywood & Steeldeck - MAS	EN 1187-1	14-11-1996	8300B	Passed
	WFRC	.045" LSFR	EN ISO 11925-2	13-05-2004	11297B	E
	WFRC	.045" LSFR - Bi-3 PUR - Steeldeck - Adhered	EN 1187-1	17-06-2004	11336B	Passed
	WFRC	.045" LSFR - Bi-3 PUR - Steeldeck - RMA	EN 1187-1	04-04-2006	12010A	Passed
	WFRC	.045" LSFR - Plywood - Adhered WBBA	EN 1187-1	31-05-2005	11645B	Passed
France	LNE	.045" STD	Arrêté du 21-11-2002	27-05-2004	RA04-0222	M2
Germany	FMPA	.060" STD	DIN 4102.1	22-01-1998	16-26975 a	B2
	FMPA	.045" FR & .060" FR	DIN 4102.1	22-01-1998	16-26975 b	B2
	FMPA	.045" FR - EPS 20 SE & Hardrock II	DIN 4102.7	01-12-1997	16-26491	Passed
	FMPA	.060" FR - MW	DIN 4102.7	18-10-1989	16-77495	Passed
	MPA Dresden	.060" LSFR - renovation on bitumen - Adhered	EN 1187-1		in preparation	Passed
	MPA Dresden	.060" LSFR - renovation on bitumen - RMA	EN 1187-1		in preparation	Passed
	MPA Dresden	.060" LSFR - Plywood - RMA	EN 1187-1		in preparation	Passed
	MPA Dresden	.060" LSFR - MW (Rockwool Hardrock) -RMA	EN 1187-1		in preparation	Passed
	MPA Dresden	.060" LSFR - MW (Rockwool Durock) - RMA	EN 1187-1		in preparation	Passed
	MPA Dresden	.060" LSFR - MW (Heralan) - RMA	EN 1187-1		in preparation	Passed
Netherlands	TNO	.045" FR - 90 mm SW	NEN 6063	01-06-1997	95-CVB-R90980(2)	Passed
Sweden	SP	.045" SRFR (Nailed to MW)	SS 02 48 24	04-02-1999	98R2 3455	Class T
UK	LPC	.060" FR - 32 mm Roof Board PUR - Plywood	BS 476 Part 3: 1958	22-09-1988	TE 6798	EXT.FAA
	LPC	.060" FR - Plywood-PIR-board - Adhered	BS 476 Part 3: 1958	22-07-1992	TE 82677	EXT.FAA
	LPC	.045" FR - Kingspan Aerorof B-9 PUR - Steel deck	BS 476 Part 3: 1958	04-10-1993	TE 83142	EXT.FAA
	LPC	.045" SR - Kingspan Aerorof B-9 PUR - Steel deck	BS 476 Part 3: 1958	27-01-1995	TE 85677	EXT.FAC
	LPC	.045" Ultraply 78+ - Kingspan Shelterfoil B-9 PUR	BS 476 Part 3: 1958	04-10-1993	TE 83140	EXT.FAB
	WFRC	.045" FR - Plywood - Adhered WBBA	BS 476 Part 3: 2004	25-01-2006	151705	EXT.FAA
Poland	IZO LACJA	.045" FR - 120 mm MW	PN-B-02872:1996	29-04-2003	47/44/03/D-1	Passed
Wind uplift						
Belgium	WTCB	Fully Adhered - PUR - BA2004 - Eurothane AL	UEAtc-Dir. Proj 90	25-01-1991		
		Fully Adhered - PUR - BA2004 - Eurothane B13	UEAtc-Dir. Proj 90	31-01-1991		
		Reinforced - Fir. Seam Plates - BIS SA	UEAtc-Dir. Proj 90	27-10-1992		
		Reinforced SFS IF2 - SA	UEAtc-Dir. Proj 90	27-10-1992		
		MAS - Rockwool 360 - MBB-MAS-APF	UEAtc-Dir. Proj 90	28-01-1991		
		MAS - Rockwool 360 - PBB-MAS- HDF	UEAtc-Dir. Proj 90	07-01-1994		
		MAS - Taurox C - PBB-MAS	UEAtc-Dir. Proj 90	25-06-1997		
		RMA - Rockwool Hardrock - Vplates - AP	old UEAtc-Dir.	02-10-2002		
		RMA - Rockwool Hardrock - MMB/SFS - AP/SFS	ETAG 006	05-11-2002		
		BIS - BI-3 PUR - MBB BIS - APF	ETAG 006	10-01-2006		
Netherlands	BDA	Fully Adhered MWBBA - MW - Eurofast	BRL 1511-1	07-07-2003		
		Fully Adhered MWBBA - PF Kootherm - FMIP/APF	BRL 1511-1	07-07-2003		
Type approval Roofing						
Belgium	UBAtc	.045" FR	UEAtc	12-06-1998	98/2249	
	UBAtc	.045" & .060" STD & LSFR	UEAtc	renewal	renewal	
Croatia	IGH	.045" STD & FR	DIN 7864.1	11-09-2000	09/00	
Czech Rep	CSI	.045"	CSN/EN/ISO	30-01-2004	C-04-1107/Z	
France	CSTB	.045 STD Ballasted and Fully adhered	UEAtc/FIT	26-04-2004	5/04/1771	
	Qualiconsult	.045" & .060" STD Mechanically Attached	NF series 84	01-04-2005	CCT	
Germany	FMPA	.045" STD & FR & .060" STD & FR	DIN 7864.1	12-12-1997	44-97-1105	
	FMPA	.045" STD	DIN 7864.1	18-07-1989	33-59846-1	
	FMPA	.060" FR	DIN 7864.1	09-04-1990	33-59486-2	
Hungary	EMI	.045" STD	MS2/EN/ISO	04-04-2002	A-847-2001	
Netherlands	BKB	.045 & .060 & .090 STD & FR - Ballast/ MAS/ FAS	UEAtc	18-05-1998	ATC0203/98	
Norway	NBI	.045" STD	EN	in progress	in progress	
Poland	COBR	.045"	ISO/prEN	30-10-2005	AT/2000-11-0106	
Serbia	IMS	.045"	JUS/ASTM/DIN	19-09-2005	4074-414/365	
Slovak Rep	TSUS	.045"	STN	20-05-2003	I04/02/0799/01/2603B/IT	
Spain	Applus	.045"	UNE	18-01-2005	5001519	
UK	BBA	.045" STD & FR & .060" STD & FR & .090" STD	UEAtc	31-03-1989	89/2216	
Romania	INCERC	.045" STD & .060" STD	UEAtc/SR/STAS/DIN	08-11-2005	016-03/171-2005	

June 2006

