

Current List of Fire Retardant Solution Accepted by the Hong Kong Fire Services Department

香港消防處接納的防火液目錄

(BS 476 : Part 7 英國標準 476 : 第 7 部)

	Name of Product 產品名稱	Substrate 質料	The Applicant 申請人	On 日期
1	Pyrovatex CP (BS 476: Part 7:1971)	Fabric	Ciba Geigy (HK) Ltd. 61-69, Yau Ma Hom Road, Kwai Chung, N.T.	9.12.82
2	Albi Clear (BS 476: Part 7:1971)	Plane timber, Plywood, Board materials,	Rentokil (HK) Ltd. 120, Newport Centre, 423, Tokwawan Road, Kowloon.	28.3.78
3	Albi Clear fire retardant treatment with overcoat varnish (BS 476: Part 7:1971)	Fabric wall surfaces, Solid timber, Obeche board		18.2.81
4	Albi Clear No. 1 with Albi matt overcoat varnish (BS 476: Part 7:1971)	Solid timber, Obeche board		18.2.81
5	AlbiGuard (BS 476: Part 7:1971)	Hemlock, Obeche Hardwood, Plywood, Hardwood, Chipwood, Blockwood, Fibrewood	<u>and</u>	25.4.85
6	Albi-R (BS 476: Part 7:1971)	Insulating board, Hardboard, Acoustic tiles, Fibre insulating board, Masonite board, Douglas fir (Softwood), Gaboon plywood (Hardwood)	F.K. Lung & Co. Flat A2, 9/F., Gold Swan Commercial Building, 438-444 Hennessy Road, Hong Kong.	6.10.78
7	Albi-pruf (BS 476: Part 7:1971)	Hessian, Cotton, Polyester, Woven viscose		25.6.85
8	Therma-Tech L.G. (BS 476: Part 7:1987 – Class 1)	Cellular glass insulation board	Salemay Company Limited 22/F., On Hong Commercial Building, 145, Hennessy Road, Wanchai, Hong Kong.	10.5.94
9	Uni-Tech U.V. (BS 476: Part 7:1987 – Class 1)	Commercial grade aluminium alloy		
10	Wall-Tech W.B. (BS 476: Part 7:1987 – Class 1)	Reinforced cementitious board		
11	Pyro-Tech LS (BS 476: Part 7:1987 – Class 1)	Marine quality plywood		
12	Pyro-Tech CS (BS 476: Part 7:1987 – Class 1)	Brazilian mahogany		
13	Flamemaster 77 (BS 476: Part 7:1987 – Class 1)	Refractory board, PVC sheet on refractory board	Outline International Ltd. Rm. 1325, Profit Industrial Building, 1-15, Kwai Fung Crescent, Kwai Chung, N.T.	22.8.95
14	Flamebar N5 (BS 476: Part 7:1987 – Class 2)	Pinewood, wallpaper, woven cotton fabric, Tarta	Henry Engineering & Supplies 3/F., Cheong Tai Commercial Building, 287-289, Reclamation Street, Kowloon.	4.10.95
15	Flamebar S3 (BS 476: Part 7:1987 – Class 1)	fissured mineral ceiling tile		
16	Albi-Max (BS 476: Part 7:1987 – Class 1)	Softwood (Hemlock)	Rentokil Environmental Services Fire Protection Products Division, Rentokil Limited, Butts Pond Industrial Estate, Dorset, DT10 1AZ.	4.11.1996
17	Albi-Max (BS 476: Part 7:1987 – Class 1)	Hardwood (Brazilian Mahogany)		
18	Albi-Max Clear Intumescent Coating (BS 476: Part 7:1987 – Class 1)	Far Eastern Plywood		

	Name of Product 產品名稱	Substrate 質料	The Applicant 申請人	On 日期
19	Albi-Max Clear Intumescent Coating (BS 476: Part 7:1987 – Class 1)	Mahogany	Rentokil Environmental Services Fire Protection Products Division, Rentokil Limited, Butts Pond Industrial Estate, Dorset, DT10 1AZ.	4.11.1996
20	Albi-Max Clear Intumescent Coating (BS 476: Part 7:1987 – Class 1)	Hemlock Softwood		
21	Albi Guard White Emulsion Paint (BS 476: Part 7:1987 – Class 1)	MDF Board		
22	Albi Guard White Emulsion Paint (BS 476: Part 7:1987 – Class 1)	Hemlock Softwood		
23	Albi Guard White Emulsion Paint (BS 476: Part 7:1987 – Class 1)	Far Eastern Plywood		
24	Steel Coat (BS 476: Part 7:1987 – Class 1)	0.7 mm steel (coated with 45 micron thickness of modified acrylic water reducible resin containing inorganic pigment, extenders and small quantities of coalescing solvents.)	RoboClean (Hong Kong) Co., Ltd. Unit 348-9, 3/F., Sino Industrial Plaza, 9 Kai Cheung Road, Kowloon Bay, Kowloon.	7.5.1998
25	Sealmark Fire Retardant Coating (BS 476: Part 7:1997 – Class 1)	“Durock Exterior Cement Board”, a PVC coated glass fibre mesh faced cement board	Idealand Buildings Supplies Ltd. 1/F., Po Shing Industrial Building, 23 Tai Yau Street, San Po Kong, Kowloon.	20.11.1998
26	Flying Fish F500 Jacatard Flame Retardant Coating (Colour Reference “White”) (BS 476: Part 7:1997 – Class 2)	General Purpose Plywood	Y. Cee Chemicals Ltd. No. 22 Wing Kei Road, Y. Cee Building, Kwai Chung, N.T.	30.6.2000
27	SS Polymer Coating (BS 476: Part 7:1987 – Class 2)	Hardboard	H.K. Team Riches Ltd. 12/F., Room 6, Wing Hing Industrial Building, 13-29 Kwai Hei Street, Kwai Chung, N.T.	31.7.2000
28	SS Stucco Coating (BS 476: Part 7:1987 – Class 2)	Hardboard		
29	DRI-ONE® (BS 476: Part 7:1997 – Class 1)	100% Cotton Cloth	Desert Research Institute Inc. 706 South Drew Street, MESA, Arizona 85210, U.S.A.	6.12.2000
30	Swiss Stucco Polymer Coating (BS 476: Part 7:1997 – Class 1)	Hardboard	Swiss Stucco (Construction Materials) Co. Ltd. Unit 6, 12/F, Wing Hang Industrial Building, 13-29 Kwai Hei Street, Kwai Chung, N.T.	16.5.2001
31	Swiss Stucco - Stucco Coating (BS 476: Part 7:1997 – Class 2)	Hardboard		
32	Thermoplastic Long-Term Corrosion Protection Coating system Model Flamulit® HTC 252 (BS 476: Part 7:1997 – Class 1)	Mild steel plaque	Concord Holdings (H.K.) Ltd. Unit Front, 6/F, East Sun Ind'l Bldg. 20 Shing Yip Street Kwun Tong, Kowloon	5.9.2003
33	“Rainbow, 450” Flat Emulsion Paint (BS 476: Part 7:1997 – Class 1)	Glass Fibre Reinforced Cement Board	Tai Hing Hong G/F, 103 Shek Pai Wan Road Aberdeen Hong Kong	31.10.2003
34	“Rainbow, FIRECUT FM-900” Solvent-based Intumescent Fire-resistance Mastic Coating (BS 476: Part 7:1997 – Class 1)			

	Name of Product 產品名稱	Substrate 質料	The Applicant 申請人	On 日期
35	“Rainbow, FIRECUT FW-30” Water-based Intumescent Fire-retardant Coating (BS 476: Part 7:1997 – Class 1)	Glass Fibre Reinforced Cement Board	Tai Hing Hong G/F, 103 Shek Pai Wan Road Aberdeen Hong Kong	31.10.2003
36	“Rainbow, FIRECUT FS-31” Solvent-based Intumescent Fire-retardant Coating (BS 476: Part 7:1997 – Class 1)			
37	“Rainbow, 406” High Gloss Emulsion Paint (BS 476: Part 7:1997 – Class 1)	Glass Fibre Reinforced Cement Board	Tai Hing Hong G/F, 103 Shek Pai Wan Road Aberdeen Hong Kong	30.12.2003
38	“Rainbow, 410” Semi-Gloss Emulsion Paint (BS 476: Part 7:1997 – Class 1)			
39	“Rainbow, 421” Water-Base Elastomeric Coating (BS 476: Part 7:1997 – Class 1)			
40	Fire Retardant Coating Model Firesheen Clear (BS 476: Part 7:1997 – Class 1)	Pine	The Jardine Engineering Corp., Ltd. Jardine Engineering House 260 King’s Road North Point Hong Kong	2.2.2004
41	Pyroplast HW Intumescent Fire Retardant Coating (BS 476: Part 7:1997 – Class 1)	Plywood (to be coated with 2 coats of Pyroplast HW Intumescent Fire Retardant Coating at 500g/m ² and 1 coat of Pyroplast HW-top at 80-100g/m ²)	Bedford & Company Unit 1, 7 th Floor, Block 4, Tai Ping Industrial Centre, 51A Ting Kok Road, Tai Po, N.T.	2.3.2006
42	“CompoClay Fire Resistant Coating” Non-toxic Water-based Latex Fire Resistant Coating (Thin Coat) (BS 476: Part 7:1997 – Class 1)	Steel sheet panel	CompoClay International Holdings Ltd. Suite 902, Fibres & Fabrics Ind. Centre, 7 Shing Yip Street, Kwun Tong, Kowloon	29.3.2006
43	“Dynaflex” Polyethylene Powder Coating (BS 476: Part 7:1997 – Class 1)	Metal Sheet	Jumbo Wise Engineering Ltd. Unit A-B, 11/F, Leahander Centre 28 Wang Wo Tsai Street Tsuen Wan, N.T.	11.1.2007
44	“EMME” Fire Retardant Paint Coating System (“EMME” Fire Retardant Undercoat U215 and “EMME” Fire Retardant Topcoat F220) (BS 476: Part 7:1997 – Class 2)	Calcium silicate board	Salemay Pro-tech Limited Unit 604, 6/F, Yuen Fat Industrial Building 25 Wang Chiu Road Kowloon Bay, Kowloon	29.9.2008
45	“Rainbow” 1030 Water-Based Catalyzed Epoxy Topcoat Paint System (BS 476: Part 7:1997 – Class 1)	Glass reinforced cement board comprising of 1 coat of 410-1 (38.0m ² /Gal coverage x 35 microns DFT) Emulsion Paint primer and 2 coats of 1030 (18.9m ² /Gal coverage x 80 microns DFT x 1.27kg/L) Water-Based Catalyzed Epoxy Topcoat	Tai Hing Hong G/F, 103 Shek Pai Wan Road Aberdeen Hong Kong	6.1.2010

	Name of Product 產品名稱	Substrate 質料	The Applicant 申請人	On 日期
46	“Rainbow” 1032 Water-Based Flooring Epoxy Topcoat Paint System (BS 476: Part 7:1997 – Class 1)	Glass reinforced cement board comprising of 1 coat of 1030CP (93.0m ² /Gal coverage x 15 microns DFT) Water-Based Epoxy Clear primer and 2 coats of 1032 (18.9m ² /Gal coverage x 100 microns DFT x 1.18kg/L) Water-Based Flooring Epoxy Topcoat	Tai Hing Hong G/F, 103 Shek Pai Wan Road Aberdeen Hong Kong	6.1.2010
47	“Rainbow” 433 Golden Acrylic Emulsion Paint System (BS 476: Part 7:1997 – Class 1)	Glass reinforced cement board comprising of 1 coat of 410-1 (38.0m ² /Gal coverage x 35 microns DFT) Emulsion Paint primer and 2 coats of 433 (21.0m ² /Gal coverage x 70 microns DFT x 1.36kg/L) Golden Acrylic Emulsion Paint		
48	“Rainbow” 436 Emulsion Paint Matt System (BS 476: Part 7:1997 – Class 1)	Glass reinforced cement board comprising of 1 coat of 410-1 (38.0m ² /Gal coverage x 35 microns DFT) Emulsion Paint primer and 2 coats of 436 (25.0m ² /Gal coverage x 60 microns DFT x 1.4kg/L) Emulsion Paint Matt		
49	“Rainbow, 450” Gloss Emulsion Paint (BS 476: Part 7:1997 – Class 1)	Glass Fibre Reinforced Cement Board		
50	“Rainbow, 860” Flat Emulsion Paint (BS 476: Part 7:1997 – Class 1)	Glass Fibre Reinforced Cement Board		
51	“Rainbow, SA2000” Dirt Off Exterior Acrylic Emulsion Paint (BS 476: Part 7:1997 – Class 1)	Glass Fibre Reinforced Cement Board		
52	“Rainbow” SA3000 Water-Based Dirt Pick-Up Elastic Paint System (BS 476: Part 7:1997 – Class 1)	Glass reinforced cement board comprising of 1 coat of 420 (56.8m ² /Gal coverage x 10 microns DFT) Solvent Based Elastomeric Sealer and 2 coats of SA3000 (6.5m ² /Gal coverage x 250 microns DFT x 1.25kg/L) Water-Based Dirt Pick-Up Elastic Paint		
53	Water Based Intumescent Flame Retardant Coating “YN-206” (BS 476: Part 7:1997 – Class 1)	Plywood	Simon & Au Engineering Specialist Ltd. Unit 1006, 10/F, Carnarvon Plaza, 20 Carnarvon Road Tsimshatsui, Kowloon.	28.1.2010
54	“FW-65 Water-Based Intumescent Fire-Retardant Varnish Coating” Polymer Resin Intumescent Fire-Retardant material (BS 476: Part 7:1997 – Class 1)	i) Cement board ii) Wood	Tai Hing Hong G/F, 103 Shek Pai Wan Road Aberdeen Hong Kong	19.7.2010

	Name of Product 產品名稱	Substrate 質料	The Applicant 申請人	On 日期
55	"FW-30 Water-Based Intumescent Fire-Retardant Varnish Coating" Polymer Resin Intumescent Fire-Retardant material (BS 476: Part 7:1997 – Class 1)	Wood	Tai Hing Hong G/F, 103 Shek Pai Wan Road Aberdeen Hong Kong	19.7.2010
56	"Protim Frameguard II" (BS 476: Part 7:1997 – Class 2)	Oriented Strand Board (OSB) Panel	Timbermate (Hong Kong) Limited Unit 1009, 10th Floor, Hewlett Centre, 54 Hoi Yuen Road, Kwun Tong, Kowloon	27.9.2013
57 58	"539 Dulux Trade Pyroshield Durable Matt" (BS 476: Part 7:1997 – Class 1) "450 Dulux Trade Pyroshield Basecoat" (BS 476: Part 7:1997 – Class 1)	Alkyd/Vinyl/Acrylic on Cement Board	Akzo Nobel Swire Paints Limited Suite 2806, Island Place Tower, 510 King's Road, North Point, Hong Kong	3.12.2013
59	"Fire Ban 2K, Water-based, flame-retarding paint" (BS 476: Part 7:1997 – Class 1)	Plywood	Lectern Engineering (FE) Limited 22/F., Leader Centre, 37 Wong Chuk Hang Road, Wong Chuk Hang, Hong Kong	12.6.2015
60	"Fire Ban W74, Water-based, flame-retarding latex paint" (BS 476: Part 7:1997 – Class 1)	Plywood	Lectern Engineering (FE) Limited 22/F, Leader Centre, 37 Wong Chuk Hang Road, Wong Chuk Hang, Hong Kong	12.6.2015

Remarks:

Apart from the above current listings, some older products of fire retardant solution which were previously promulgated by this Department in F.S.D. Circular Letter No. 4/96 are still considered acceptable in principle.

For more information, please visit F.S.D. website at <http://www.hkfsd.gov.hk/home/eng/source/circular/e04_1996.pdf>

備註:

除了上述目錄所列的防火液外,本處原則上仍會接納以往曾於消防處通函第 4/96 號刊載的一些款式較舊的防火液產品。如欲取得更多資料,請瀏覽消防處網頁

(網址: <http://www.hkfsd.gov.hk/home/eng/source/circular/e04_1996.pdf>)。