

Central Data Bank List of Building Materials

A. General

Department:	Buildings
Type of building material:	Fire-stop materials for curtain walls
Applications:	Application of fire-stop materials for curtain wall systems is given in section 12.2 of the Code of Practice for Fire Resisting Construction 1996.

B. Acceptance criteria**Testing standards:**

Fire test/assessment should be carried out in accordance with BS 476: Part 20: 1987.

Conditions of Acceptance:

- Fire-stop materials shall be non-combustible and have a FRP of not less than that required for the floor. Fire-stop materials shall be tested/assessed by accredited laboratories in accordance with PNAP 251 with full and valid fire test/assessment report.
- Fire-stop materials shall be firmly and securely fixed in place in accordance with the manufacturer's recommendations.

Reference List of Fire-stop Materials

Ref. No.	Product Name	Name of Manufacturer and Place of Manufacture (City and Country)	Material Category	Application	Compliance Testing Standard	Details of Test or Assessment Report					Date of Posting on CDB	Remarks / Comments
						Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organization	Report No.	Date of Test / Assessment Report	Validity Date		
BD-FS 001	Bradford Rockwool Fireseal Batt	Strepoint Limited (See remarks)	Fire and smoke stopping material of 135mm thick and nominal density of 60kg/m ³ .	Fire and smoke stopping material for a fire rating up to 2 hrs.	N/A	N/A	N/A	N/A* * Test or assessment report could not be retrieved.	N/A	N/A	18/01/2005	No-objection letter issued in 1992. Updated information on place of manufacture to be provided by the manufacturer. The compressed height of the fire-stopping gaskets when placed in a joint should be not more than 85% of their original height before insertion into the joint.
BD-FS 002	Pilkington Rocksil Fire Seal Type 60T	Pilkington Insulation Limited (See remarks)	Fire stop of minimum depth 100mm and nominal density of 100kg/m ³ .	Fire stop, with straight butt ends, used in voids up to 250mm wide between concrete floor and curtain walling for a fire rating up to 1 hr.	BS 476: Part 20: 1987	N/A	The Loss Prevention Council	03863/RHE/MB CC10914	March 1990	March 1992	18/01/2005	No-objection letter issued in 1993. Updated information on place of manufacture to be provided by the manufacturer. The construction details should be in accordance with the details shown in Pilkington Rocksil Fire Seal's product sheet ref. 208 dated September 1991. The mineral fibre must be compressed by about 5% in width when installed.

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BD-FS 003	Pilkington Rocksil Fire Seal Type 120T	Pilkington Insulation Limited (See remarks)	Fire stop of minimum depth 150mm and nominal density of 100kg/m ³ .	Fire stop, with interlocking lapped ends, used in voids up to 250mm wide between concrete floor and curtain walling for a fire rating up to 2 hrs.	BS 476: Part 20: 1987	N/A	The Loss Prevention Council	03863/RHE/MB CC10914	March 1990	March 1992	18/01/2005	No-objection letter issued in 1993. Updated information on place of manufacture to be provided by the manufacturer. The construction details should be in accordance with the details shown in Pilkington Rocksil Fire Seal's product sheet ref. 208 dated September 1991. The mineral fibre must be compressed by about 5% in width when installed.
BD-FS 004	Promatect Board Sealing System	Etermit N.V. Kapelle-op-den-bo s Belgium.	12mm thick Promatect board	Fire stop in gaps between concrete floor and curtain walling for a fire rating up to 2 hrs.	BS 476: Part 20: 1987	N/A	Warrington Fire Research Centre	WFRC No. C55827	January 1992	February 1994	18/01/2005	No-objection letter issued in 1992. The construction details should be in accordance with Figure 1 in the report WFRC No. C55827.

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BD-FS 005	Rock-Lam SP1 System	Rockwool Ltd. (See remarks)	Fire stop consists of strips of low resin Rockwool mineral wool slabs of nominal density of 110kg/m ³ .	Fire stop in gaps in concrete slab cavity with maximum width of 225mm for a fire rating up to 1 hr.	BS 476: Part 20: 1987	N/A	The Loss Prevention Council	TE 6451	December 1987	N/A	18/01/2005	No-objection letter issued in 1991. Updated information on place of manufacture to be provided by the manufacturer.
BD-FS 006	Rock-Lam SP2 System	Rockwool Ltd. (See remarks)	Fire stop consists of strips of low resin Rockwool mineral wool slabs of nominal density of 110kg/m ³ .	Fire stop in gaps in concrete slab cavity with maximum width of 225mm for a fire rating up to 1½ hrs.	BS 476: Part 20: 1987	N/A	The Loss Prevention Council	TE 6461	January 1988	N/A	18/01/2005	No-objection letter issued in 1991. Updated information on place of manufacture to be provided by the manufacturer.
BD-FS 007	Rock-Lam SP3 System	Rockwool Ltd. (See remarks)	Fire stop consists of strips of low resin Rockwool mineral wool slabs of nominal density of 110kg/m ³ , and a layer of 25mm thick Rockwool Firebatt 825 placed on top of the seal over the joints.	Fire stop in gaps in concrete slab cavity with maximum width of 225mm for a fire rating up to 2 hrs.	BS 476: Part 20: 1987	N/A	The Loss Prevention Council	CC10479/01 699/RHE/BD , and the subsequent review report	March 1988 March 1991	N/A	18/01/2005	No-objection letter issued in 1991. Updated information on place of manufacture to be provided by the manufacturer.

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BD-FS 008	Stoplite Mineral Fibre Fire-stopping System	Cryotherm Insulation Limited (See remarks)	Fire stopping system comprising strips of resin bonded mineral fibre board with mechanical fixing.	Fire stop in voids between concrete floor and curtain walling for a fire rating up to 4 hrs.	BS 476: Part 20: 1987	N/A	The Loss Prevention Council	CC 81124	March 1991	March 1993	18/01/2005	No-objection letter issued in 1993. Updated information on place of manufacture to be provided by the manufacturer. Construction details of the system should be in accordance with the details shown in Cryotherm Insulation Ltd's specifications Issue No. STOP 190491.
BD-FS 009	Thermafibre Curtain Wall Insulation CW90	USG Interiors, Inc. (See remarks)	Fire stopping material of 50mm thick mineral rock wool with nominal density of 128kg/m ³ .	Fire stopping material in spandrel of curtain wall assembly for a fire rating up to 2 hrs.	ASTM E-119	N/A	The Consulting Engineers Group Inc.	N/A	December 1989	N/A	18/01/2005	No-objection letter issued in 1991. Updated information on place of manufacture to be provided by the manufacturer.
					BS 476: Part 20: 1987	N/A	Warrington Fire Research Consultants	C51745-AH B/mj	October 1990	N/A		
BD-FS 010	Thermafibre Safing Insulation	USG Interiors, Inc. (See remarks)	Fire stopping material of 100mm thick mineral rock wool with nominal density of 64kg/m ³ .	Fire stopping material for a fire rating up to 3 hrs.	ASTM E-119	N/A	Laboratory of the United States Gypsum Company	N/A	December 1986	N/A	18/01/2005	No-objection letter issued in 1991. Updated information on place of manufacture to be provided by the manufacturer.
					BS 476: Part 20: 1987	N/A	Campbell & Shillinglaw	AY.709J9	June 1987	N/A		

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BD-FS 011	CSR Fireseal FS60 (known as CSR 60kg/m ³ Rockwool Fireseal Batt)	CSR (Guangdong) Rockwool Co., Ltd. Guangdong, China	Fire and smoke stopping material of nominal density of 60kg/m ³ .	Fire stop in voids between concrete floor (depth of 135mm, 150mm or 175mm) and curtain walling, which requires to satisfy the insulation and integrity criteria for 120 mins.	BS 476: Part 22: 1987	Singapore Accreditation Council	PSB Corporation Pte Ltd.	25T0000364/MW	26 July 2000	N/A	21/04/2006	<p>The compressed height of the fire-stopping gaskets when placed in a joint should be not more than 85% of their original height before insertion into the joint.</p> <p>The fire stop material should be firmly and securely fixed in place in accordance with the manufacturer's recommendations.</p>