H.B. Fuller FULAFLEX FR - Fire Test & Assessment Data Summary

Release: 24/11/2026

REPORT LINK	SEPARATING ELEMENT	JOINT/SERVICE SUMMARY	FIRE RESISTANCE LEVEL (FRL)	STANDARD COMPLIANCE	ORIENTATION	SEAL CONFIGURATION			REPORT TYPE/NUMBER	
						BOTH FIRE & NON-FIRE SIDE	FIRE SIDE ONLY	NON-FIRE SIDE ONLY	FIRE TEST	ASSESS-MENT
		GENERAL SURFACE								
13A	1mm Coating Thickness	AS 1530.3 (1999) Ignitability, Heat & Smoke Development Test	Spread of Flame Index = 0 Heat Evolved Index = 3 Smoke Developed Index = 2	AS 1530.3 (1999)	NA	NA	NA	NA	21-000665	NA
		PLASTERBOARD - CONTROL JOINTS								
14A	90mm/96mm thick wall - 1x 13mm, 1x 16mm layer, 116mm/128mm thick wall - 2x 13mm, 2x 16mm layer 142mm thick wall - 3x 13mm layer fire-rated plasterboard wall joints*	Board variable, up to 40mm wide joints at head, base, perimeter for FRL's in all single and double layer board configurations up to -/120/120. Centre of wall (control joint) up to 20mm wide for all thick-ness and layer configurations with control joint finishing details either standard/flush finished direct to board edge for FRL's up to -/180/180, or with RONDO P35 control joint cover for FRL's up to -/120/120. Single layer systems with head, base and perimeter joints backed by either steel track/studs or 1mm thick bond breaker tape. Double and triple layer systems with head, base and perimeter joints backed by either steel track/studs, open cell foam backing rod or 1mm bond breaker tape. Full integrity and insulation FRL for all joints and layer configurations with min. 64mm deep stud in either timber or metal.	-/60/60 for 1x 13mm layer, -/90/90 for 1x 16mm layer, -/120/120 for 2x 13mm layers, -/180/180 for 2x 16mm layers, -/180/180 for 3 x 13mm layers.**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal & Vertical	Yes	No	No	NA	FC20442-01-1
14B	90mm/96mm thick wall - 1x13mm & 1x16mm layer fire-rated plasterboard wall joints*	13mm-20mm wide x 13mm deep Joints & 15mm-20mm wide x 16mm deep Joints at head, base, perimeter and centre of wall (centre wall Joint 15mm wide x 13mm & 16mm deep.)	up to -/120/90**	AS 1530.4 (2014)	Horizontal & Vertical	Yes	No	No	FRT 190398.1	NA
14C	116mm thick wall - 2x13mm fire-rated plasterboard wall joints*	10mm-20mm wide x 26mm deep Joints, at head, base, perimeter and centre of wall. (Centre wall control Joint 19mm wide x 20mm deep with Rondo P35 control Joint cover.)	up to -/180/180**	AS 1530.4 (2014)	Horizontal & Vertical	Yes	No	No	56967300.1	NA
14D	96mm thick wall - 1x16mm layer fire-rated Plaster-board wall joints*	40mm wide x 16mm deep joint at head of wall & 20mm wide x 26mm deep joints at base and perimeter/edge of wall. Incorporates 1mm silicone bond breaker tape at perimeter/edge joints - full scale wall with all joints replicated for Firesound.	-/90/90	AS 1530.4 (2014)	Horizontal & Vertical	Yes	No	No	FR21125-01	NA
		AERATED CONCRETE - CONTROL JOINTS								
15A	75mm thick Aerated Concrete (single steel mesh) Wall Joints*	20mm wide x 16mm deep joints & 10mm wide x 10mm deep joints at head, perimeter and centre of wall (vertical control joint.) Assessed for fire approach from either side of wall.	up to -/90/90**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal & Vertical	Yes	Yes	Yes	NA	FC31355-01-1
15B	75mm thick Aerated Concrete (single steel mesh) Wall Joints*	20mm wide x 16mm deep joints at head, perimeter and centre of wall (vertical control joint.)	up to -/90/90**	AS 1530.4 (2014)	Horizontal & Vertical	Yes	Yes	Yes	FP20542-01	NA
15C	75mm thick Aerated Concrete (single steel mesh) Wall Joints*	20mm wide x 16mm deep joint at head, 10mm wide x 10mm deep perimeter and centre of wall (vertical control joint.)	up to -/90/90**	AS 1530.4 (2014)	Horizontal & Vertical	Yes	Yes	Yes	FP20542-02	NA
15D	120mm-175mm thick Aerated Concrete Wall & Floor Joints (various seal configurations)*	10-50mm wide joints sealed both sides & 10-35mm Joints double caulked from one side. Includes Firesound/FulaFlex FR interchange-ably for all double sided wall and floor configurations ie Same sealant both sides or FulaFlex FR external side of walls/Firesound internal side. (includes normal weight concrete and solid/hollow masonry block)	up to -/240/240 for both sides & double caulked joints.**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal (Incl. head joints) & Vertical	Yes	Yes double caulked from one side only	Yes double caulked from one side only	NA	FC21185-01-1

REPORT LINK	SEPARATING ELEMENT	JOINT/SERVICE SUMMARY	FIRE RESISTANCE LEVEL (FRL)	STANDARD COMPLIANCE	ORIENTATION	SEAL CONFIGURATION			REPORT TYPE/NUMBER	
						BOTH FIRE & NON-FIRE SIDE	FIRE SIDE ONLY	NON-FIRE SIDE ONLY	FIRE TEST	ASSESS-MENT
		CONCRETE - CONTROL JOINTS								
18A	120mm-175mm thick Concrete Wall & Floor Joints (various seal configurations)*	10-50mm wide joints sealed both sides & 10-35mm Joints double caulked from one side. Includes Firesound/FulaFlex FR interchangeably for all double sided wall and floor configurations ie Same sealant both sides or FulaFlex FR external side/Firesound internal side of wall. (includes lightweight/aerated concrete and solid/hollow masonry block)	up to -/240/240 for both sides & double caulked joints.**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal (Incl. head joints) & Vertical	Yes	Yes double caulked from one side only	Yes double caulked from one side only	NA	FC21185-01-1
18B	120mm thick concrete wall joints sealed both sides*	10mm wide x 10mm deep & 20mm, 40mm & 50mm wide Joints at conventional 2:1 width:depth ratio, sealed both sides.	up to -/240/120**	AS 1530.4 (2014)	Vertical	Yes	No	No	FRT 190354.1	NA
18D	150mm thick concrete floor joints sealed both sides*	10mm wide x 10mm deep, 20mm wide x 10mm deep & 30mm wide x 15mm deep Joints sealed both sides (includes 30mm wide x 15mm deep & 50mm wide x 25 mm deep joints sealed with Firesound.)	-/240/180	AS 1530.4 (2014)	Horizontal	Yes	No	No	FRT 200213 R1.0	NA
18E	240mm thick concrete floor joints sealed non-fire side only*	100mm wide x 50mm deep Joints with mineral wool backing, 20mm wide x 10mm deep joints, 60mm wide x 40mm deep joints with mineral wool backing and standard 60mm wide x 40mm deep joints with open cell backing rod, 40mm wide x 25mm deep joints and 80mm wide x 40mm deep joints with mineral wool backing.	up to -/240/240**	AS 1530.4 (2014)	Horizontal	No	No	Yes	FP18279-01-1	NA
18F	120mm thick concrete floor joints sealed both sides and double caulked*	25mm and 35mm wide joints each double caulked from both fire side and non-fire side, 50mm wide x 25mm deep joints caulked both sides, 30mm wide x 20mm joints caulked FulaFlex FR fire side and FulaFlex 620 non-fire side.	-/120/120	AS 1530.4 (2014)	Horizontal	Yes	Yes double caulked from one side only	Yes double caulked from one side only	FP19882-01-1	NA
18G	240mm thick concrete floor joints sealed non-fire side only*	40mm wide x 25mm deep joints with open cell backing rod, alternate foil faced mineral wool backing of at least equal density and maximum service temperature.	up to -/240/240**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal	No	No	Yes	NA	FC20151-01-1
18H	120mm thick concrete floor joints double caulked fire-side only*	20mm, 30mm & 50mm wide joints each double caulked from fire-side only. First and second seals at depth = half x width. (includes above-mentioned joints for Firesound.)	-/120/120	AS 1530.4 (2014)	Horizontal	Yes double caulked from one side only	Yes double caulked from one side only	No	FP21481-02-1	NA
Ref Only (Available upon request from H.B. Fuller)	120mm-175mm thick solid and hollow core masonry wall Joints sealed both sides, 150mm & 175mm solid and hollow core masonry wall joints double caulked, 120mm-175mm solid and hollow core masonry head of wall/soffit joints sealed both sides, and 150mm & 175mm solid and hollow core masonry head of wall joints double caulked*. **Superseded by FC21185-01-1**	10mm wide x 10mm deep & 20mm-50mm wide vertical wall joints at conventional 2:1 width:depth ratio sealed both sides, 10mm-35mm wall joints double caulked, 10mm wide x 10mm deep & 20mm-50mm wide horizontal/head of wall joints at conventional 2:1 width:depth ratio sealed both sides, 10mm-35mm wide head of wall joints double caulked, 10mm-35mm floor joints sealed both sides, and 10mm-35mm wide floor joints double caulked (includes solid/normal weight concrete wall & floor joints.)	up to -/240/240**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal & Vertical	Yes	Yes double caulked from one side only	Yes double caulked from one side only	NA	FAS 190359 R1.2
Ref Only (Available upon request from H.B. Fuller)	120mm-170mm thick concrete wall Joints sealed both sides* **Superseded by FC21185-01-1**	10mm wide x 10mm deep & 20mm-50mm wide Joints at conventional 2:1 width:depth ratio, sealed both sides (also includes solid/hollow core masonry wall joints.)	up to -/240/240**	AS 1530.4 (2014) & AS 4072.1 (2005)	Vertical	Yes	No	No	NA	FAS 190359 R1.0
Ref Only (Available upon request from H.B. Fuller)	240mm thick Concrete floor Joints sealed non-fire side only*	100mm wide x 50mm deep Joints with mineral wool backing, 20mm wide x 10mm deep joints, 60mm wide x 40mm deep joints with mineral wool backing and standard 60mm wide x 40mm deep joints with open cell backing rod, 40mm wide x 25mm deep joints and 80mm wide x 40mm deep joints with mineral wool backing.	up to 264NF**	EN1366-4:2006 + A1:2010	Horizontal	No	No	Yes	FP18279-02-1	NA

REPORT LINK	SEPARATING ELEMENT	JOINT/SERVICE SUMMARY	FIRE RESISTANCE LEVEL (FRL)	STANDARD COMPLIANCE	ORIENTATION	SEAL CONFIGURATION			REPORT TYPE/NUMBER	
						BOTH FIRE & NON-FIRE SIDE	FIRE SIDE ONLY	NON-FIRE SIDE ONLY	FIRE TEST	ASSESS-MENT
		MASONRY - CONTROL JOINTS								
20A	120mm-175mm thick Concrete Wall & Floor Joints (various seal configurations)*	10-50mm wide joints sealed both sides & 10-35mm Joints double caulked from one side. Includes Firesound/FulaFlex FR interchange-ably for all double sided wall and floor configurations ie Same sealant both sides or FulaFlex FR external side/Firesound internal side of wall. (includes normal weight concrete and lightweight/aerated concrete)	up to -/240/240 for both sides & double caulked joints.**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal (Incl. head joints) & Verti-cal	Yes	Yes double caulked from one side only	Yes double caulked from one side only	NA	FC21185-01-1
Ref Only (Available upon request from H.B. Fuller)	120mm-175mm thick solid and hollow core masonry wall Joints sealed both sides, 150mm & 175mm solid and hollow core masonry wall joints double caulked, 120mm-175mm solid and hollow core masonry head of wall/soffit joints sealed both sides, and 150mm & 175mm solid and hol-low core masonry head of wall joints double caulked* **Superseded by FC21185-01-1**	10mm wide x 10mm deep & 20mm-50mm wide vertical wall joints at conventional 2:1 width:depth ratio sealed both sides, 10mm-35mm wall joints double caulked, 10mm wide x 10mm deep & 20mm-50mm wide horizontal/head of wall joints at conventional 2:1 width:depth ratio sealed both sides, 10mm-35mm wide head of wall joints double caulked, 10mm-35mm floor joints sealed both sides, and 10mm-35mm wide floor joints double caulked (also includes solid/normal weight concrete wall & floor joints.)	up to -/240/240**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal & Vertical	Yes	Yes double caulked from one side only	Yes double caulked from one side only	NA	FAS 190359 R1.2
Ref Only (Available upon request from H.B. Fuller)	120mm-175mm thick solid masonry block wall joints (Fire-sound one side & FulaFlex FR other side.)* **Superseded by FC21185-01-1**	10mm wide x 10mm deep & 20mm-50mm wide Joints at conventional 2:1 width:depth ratio, sealed one side each Firesound/FulaFlex FR (also includes solid/normal weight concrete walls.)	up to -/240/240**	AS 1530.4 (2014) & AS 4072.1 (2005)	Vertical	Yes	No	No	NA	FAS 210035 R1.0
Ref Only (Available upon request from H.B. Fuller)	120mm-170mm thick solid masonry block wall joints sealed both sides*	10mm wide x 10mm deep & 20mm-50mm wide Joints at conventional 2:1 width:depth ratio, sealed both sides (also includes solid/normal weight concrete walls.)	up to -/240/240**	AS 1530.4 (2014) & AS 4072.1 (2005)	Vertical	Yes	No	No	NA	FAS 190359 R1.0
		SPEEDPANEL - TRACK & PANEL JOINTS								
22A	51mm-78mm thick SpeedPanel walls (vertically & horizontally oriented/stacked panels) includ-ing vertical and horizontal con-figurations of 78mm in scissor stair application *	All joints associated with vertically & horizontally stacked SpeedPanel walls, and 78mm vertical and horizontal configurations in scissor stair application. Construction criteria and FRL's in accordance with Speed-Panel assessment FAS220345 R1.0 (vertically stacked), FAS230255 R1.1 (horizontally stacked) and FAS 200272 (vertically & horizontally stacked in scissor stair application.) Fulaflex FR & Firesound inter-changeable for the same FRL in all SpeedPanel configurations.	up to -/120/120**	AS 1530.4 (2014) & AS 4072.1 (2005)	Horizontal & Vertical	Yes	Yes	Yes	NA	253746 R1.2

* See individual test or assessment data for information relating to control Joint configurations, penetrating services and wall/floor thickness.
** See individual test or appraisal data for information relating to FRL's for specific control Joints and service penetrations.
Due to variations in fire rating results using different separating elements and thicknesses consult fire test/assessment reports for specific tested FRL's.