



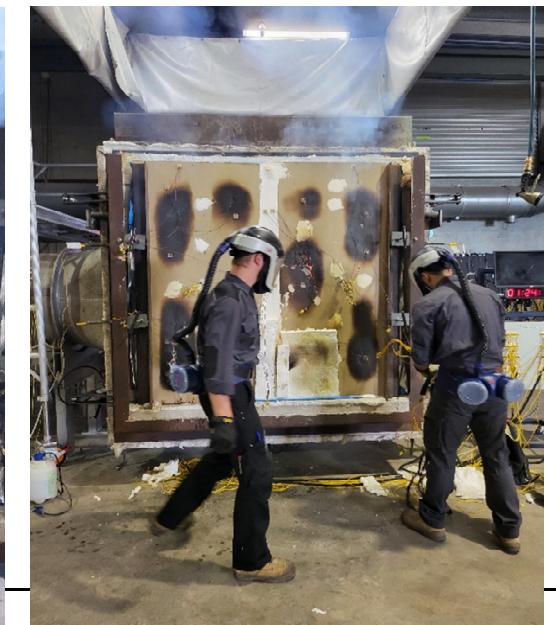
10mm ResCom (HMR) FRL Test																				
Temp Time Through Board to 180c - AS1530.4								No Insulation In Cavity			35mm x 140kg InsulCore			R2.5 Earthwool			Outter Face Plasterboard			
10mm HMR	Time	Stud	Time	Temp	R2.5 BP	Time	Temp	In Cavity	Time	Temp	In Cavity	Time	Temp	Plaster	Time	Temp	Plaster	Time	Temp	@84min
T13	15min	T1	84min	94c	T13	15	175c	T20	31min	180c	T19	67min	172c	T21	51min	178c	T31	F	F	F
T14	16min	T2	84min	84c	T14	16	187c	T42OP	51min	171c	T41OP	84min	108c	T22	47min	177c	T32	73min	170c	357c
T15	19min	T3	84min	160c	T15	19	184c							T23	48min	184c	T33	70min	181c	518c
T16	15min	T4	84min	77c	T16	14	177c							T24	F	F	T34	72min	189c	302c
T17	17min	T5	84min	89c	T17	17	196c							T25	56min	181c	T35	F	F	F
T18	17min	T6V	78min	181c	T18	17	182c							T26	45min	181c	T36	76min	178c	236c
		T7J	84min	70c										T27	52min	181c	T37	73min	186c	351c
		T8J	84min	68c										T28	43min	178c	T38	68min	188c	399c
		T9J	84min	69c										T29	F	F	T39	72min	186c	399c
		T10J	84min	77c										T30	44min	172c	T40	71min	188c	407c
		T11JR	84min	85c																
		T12JV	78min	187c																

System 1: 10mm ResCom + 90mm x 45mm + No Insulation + 10mm Plasterboard					
Thermo	Time	Stud	In Cavity	Out Cavity	
T12, 20, 42	51min	187c	180c	171c	

System 2: 10mm ResCom + 90mm x 45mm + R2.5 E/W + 10mm Plasterboard					
Thermo	Time	Stud	In Cavity	Out Cavity	
T04, 33, 23	70min	77c	184c	181c	

System 3: 10mm ResCom + 90mm x 45mm + 35mm 140kg Rock/W + 10mm Plasterboard					
Thermo	Time	Stud	In Cavity	Out Cavity	
T11, 19, 41	84min	85c	172c	108c	

Thermal Transfer: Fire to Face	Time	Temp	Temp @ 84	Variation In Systems
No Insulation:	51min	171c	733c	> 625c / 1157f
90mm x R2.5 Earthwool Insulation:	70min	181c	518c	> 410c / 770f
35mm x 140kg InsulCore:	84min	108c	108c	
10mm ResCom + 35mm InsulCore In Cavity	70min	182c		< 336
Interpolation addative + 6min + 6c	90min	114c		< 404
Interpolation (in cavity) + 6min + 18c	90min	261c		< 257
Interpolation addative + 30min + 45c	120min	159c		< 359
Interpolation (in cavity) + 30min + 96c	120min	339c		< 179



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