



FIRE-RATING TECHNICAL BRIEF

ASTM E-84, ULC S102

FIRE-RATED PANEL ASSEMBLIES

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FLAME SPREAD RATING

(A): 0-25

(B): 26-75

(C): 76-200

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FACED MATERIAL	ADHESIVE	SUBSTRATE	THICKNESS	FLAME	SMOKE	TEST
FENIXNTM 1.2mm	cat PVAc	FR MDF	3/4in	30	130	ASTM E84
FENIXNTM 1.2mm	cat PVAc	FR MDF	3/4in	15	200	ULC S102
FENIXNTM 12mm	unbonded	na	12mm	10	30	ASTM E84
FENIXNTM 12mm	unbonded	na	12mm	5	30	ULC S102
FENIXNTM 0.8mm	cat PVAc	FR MDF	3/4in	50	30	ASTM E84
FENIXNTM 0.8mm	cat PVAc	FR MDF	3/4in	25	40	ULC S102

Process parameters for the panels tested above included cold pressing at 35 psi and an adhesive coverage using Franklin 415 catalyzed PVA at 200 gsm or 41lbs/1000ft². 12mm product was tested as received.