

FM Approvals
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February 13, 2013

Ms. Jitka Hudeckova
 Fatra A.S.
 Trida Tomase Bati 1541
 763 61 Napajedla
 Czech Republic

Customer ID: 143132-1
 Subject: Results for ASTM E 108 testing per FM Approvals Standard 4470
 Project I.D. 3048015

Dear Ms. Hudeckova:

This letter is to inform you of the test results completed to date for the subject project.

Spread of Flame testing:

Sample No. 1:

Deck:	½ plywood deck
Insulation:	2.0 in.(50 mm) thick Xtratherm XT/FR Alu roof insulation
Roof Cover:	0.048 in. (1.2 mm) thick Fatrafol 810/V roof cover, mechanically attached

Sample No. 2:

Deck:	½ plywood deck
Insulation:	2.0 in.(50 mm) thick Xtratherm XT/FR Alu roof insulation
Roof Cover:	0.060 in. (1.5 mm) thick Fatrafol 810/V roof cover, mechanically attached

Sample No. 3: Confirming of Sample No. 1*

Deck:	½ plywood deck
Insulation:	2.0 in.(50 mm) thick Xtratherm XT/FR Alu roof insulation
Roof Cover:	0.048 in. (1.2 mm) thick Fatrafol 810/V roof cover, mechanically attached

* 0.048 (1.2 mm) roof cover more critical than 0.060 (1.5 mm)

Sample No. 4:

Deck:	½ plywood deck
Insulation:	2.0 in.(50 mm) thick Thermaroof TR26 FM roof insulation
Roof Cover:	0.048 in. (1.2 mm) thick Fatrafol 810/V roof cover, mechanically attached

Sample No. 5: Confirming of Sample No. 4

Deck:	½ plywood deck
Insulation:	2.0 in.(50 mm) thick Thermaroof TR26 FM roof insulation
Roof Cover:	0.048 in. (1.2 mm) thick Fatrafol 810/V roof cover, mechanically attached



Results:

Sample No.	Slope	Spread Distance	Rating
1	1/2 in. (13 mm)	43 in.(1.09 m)	A
2	1/2 in. (13 mm)	38 in.(0.96 m)	A
3	1/2 in. (13 mm)	40 in.(1.01 m)	A
4	1/2 in. (13 mm)	40 in.(1.01 m)	A
5	1/2 in. (13 mm)	38 in.(1.96 m)	A

To-date, no Approval has been granted for the above referenced assemblies. Approval of eligible assemblies will become effective upon issuance of the Approval Report.

Very truly yours,



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