

TO: Atlanta Sales, Commercial Field Sales, Regional Managers, Plant Managers and Account Executives

NUMBER TB-7

FROM: Director Technical Services, Commercial Products Division

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SUBJECT: ACFoam® Product Weights (lb/sf)

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*SUPERSEDES EXISTING DOCUMENTS

One of the important features of ACFoam® is that the product has exceptional strength, yet is very lightweight. Additionally, because of superior fire test performance characteristics, ACFoam® products can be installed directly over a metal deck without the need for a heavy and costly gypsum underlayment. Lastly, the thermal efficiency of ACFoam® (ability to obtain a high LTTR-Value in a thin profile) means that specified LTTR-value can be obtained using thinner boards, thereby limiting the weight added to the structure. See chart below.

THICKNESS	ACFoam®-II	ACFoam®-III	ACFoam® Supreme	ACFoam® -HD CoverBoard	¹ACFoam® CrossVent® Air Space Dimension			¹ACFoam® Nail Base
					1.0"	1.5"	2.0"	
0.5"	–	–	–	0.500	–	–	–	–
1.0"	0.245	0.315	0.170	–	–	–	–	–
1.5"	0.313	0.383	0.238	–	–	–	–	1.697
2.0"	0.380	0.450	0.305	–	–	–	–	1.768
2.5"	0.448	0.518	0.373	–	1.731	–	–	1.832
3.0"	0.515	0.585	0.440	–	1.799	1.748	–	1.900
3.5"	0.583	0.653	0.508	–	1.866	1.816	1.764	1.967
4.0"	0.650	0.720	0.575	–	1.934	1.883	1.832	2.035
4.5"	–	–	–	–	2.001	1.951	1.899	2.102
5.0"	–	–	–	–	2.069	2.018	1.967	–
5.5"	–	–	–	–	2.136	2.086	2.034	–
6.0"	–	–	–	–	–	2.153	2.102	–
6.5"	–	–	–	–	–	–	2.169	–

¹ACFoam® CrossVent® & ¹ACFoam® Nail Base calculated using 7/16 in. OSB and GRF (Glass fiber reinforced cellulosic felt) faced polyisocyanurate.