



**Technical Bulletin**

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

**NUMBER:** TB-7  
**ISSUED:** 10.20.2010  
**\*UPDATED:** 08.26.2013

**FROM:** Director Technical Services  
Commercial Products Division

**PAGES:** 1  
*\*Supersedes Existing Documents*

**SUBJECT:** ACFoam® Product Weights (lb/sf)

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.

Product Thickness	ACFoam®-II	ACFoam®-III	ACFoam®-IV	ACFoam® Supreme	ACFoam® HS CoverBoard	ACFoam® CrossVent & CrossVent RB Airspace Dimension			ACFoam® Nail Base
						1"	1.5"	2.0"	
0.5"	-	-	-	-	0.500	-	-	-	-
1.0"	0.245	0.318	0.448	0.195	-	-	-	-	-
1.5"	0.362	0.396	0.513	0.275	-	-	-	-	1.735
2.0"	0.441	0.475	0.583	0.354	-	-	-	-	1.814
2.5"	0.520	0.554	0.654	0.433	-	1.731	-	-	1.893
3.0"	0.600	0.634	0.725	0.512	-	1.799	1.748	-	1.972
3.5"	0.679	0.713	0.796	0.591	-	1.866	1.816	1.764	2.051
4.0"	0.758	0.793	0.876	0.670	-	1.934	1.883	1.832	2.131
4.5"	-	-	-	-	-	2.001	1.951	1.899	2.211
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	-

\*ACFoam® CrossVent & CrossVent RB calculated using 7/16 in. OSB.