

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

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FROM: Director Technical Services, Commercial Products Division

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SUBJECT: ACFoam[®] CrossVent[®] and ACFoam[®] Nail Base Insulation with Plywood Nailing Surface

PAGES 01

*SUPERSEDES EXISTING DOCUMENTS

Occasionally we receive requests to substitute panels for our standard OSB in manufacturing ACFoam[®] CrossVent[®] or ACFoam[®] Nail Base. Field experience regarding the dimensional stability of plywood dictates that we review these requests carefully. We should first determine whether plywood is an absolute requirement. Every effort should be made to gain agreement to the use of OSB. If these attempts fail, please use the following guidelines:

- 1⁵/₃₂" (1/2") Plywood is not acceptable and should not be quoted.
- 1⁹/₃₂" (5/8" 5-ply) or 3/4" CDX¹ plywood may be quoted. However, the fastening requirements will be EITHER those outlined by APA (the Engineered Wood Association) or those outlined in Atlas's *Nailable Insulation Guide*, depending on which requirements are more stringent. The more stringent requirements shall be used.
 - » The APA pattern requires a minimum of 30 Nail base fasteners per 4' x 8' board.
- Refer to Atlas's *Nailable Insulation Guide* for additional installation and fastening requirements. These requirements may be more stringent.
- 5-Ply CDX¹ Preferred. 4-Ply CDX¹ Approved.

¹ CDX stands for C-D Exposure 1 plywood. Per the APA Engineered Wood Construction Guide, C-D Exposure 1 APA Rated Plywood Sheathing is sometimes called "CDX" in the trade. For additional information please reference page 7 of the APA Engineered Wood Construction Guide.