

AC EXTERIOR PLYWOOD UNDERLAYMENT WITH PLUGGED CROSSBANDS UNDER THE FACE

Plywood Supply, Inc. has arranged for the production of an exterior underlayment plywood panel specifically designed for the vinyl floor covering industry. We are now stocking this material in 4' x 8' panels in 1/4", 11/32", 15/32", 19/32", and 23/32" thicknesses. The 23/32" is also available with the long edges tongue and grooved.

MANUFACTURE

We worked with the American Plywood Association in order to design a panel that would be used in underlayment applications minimizing the fear of face veneer puncture. The 1/4 4x8 panel is an all Douglas Fir construction and has a full sanded A-Grade face. Part of the superior panel construction is that the crossband next to the face is a 4X8 plugged AB veneer that has been cut into two pieces that are 48" square and then laid up with the grain running at right angles to the face veneer. The single core gap between the two crossbands is limited to approximately 1/4". The balance of the panel is C-Grade veneer, which completes the all exterior lay-up.

It is very important to note that the specifications and construction for this particular panel is superior to that which is required for a normal panel with the same veneer grades and construction methods approved by the American Plywood Association. One must understand the total specifications and methods of construction of our underlayment panel to fully appreciate its quality. This underlayment panel is manufactured to our specifications and bears our name.

Please recognize that this panel is made entirely of Douglas Fir which affords high structural strength characteristics and, because of other factors, is superior to other certain panels.

After approximately two years of trial and error, we finally found a mill that could make this product according to our specifications. This chosen manufacturer, Hardel Mutual Plywood Corporation, is a member of the American Plywood Association. The extra effort by Hardel's people has made the quality of this plywood panel exceptional.

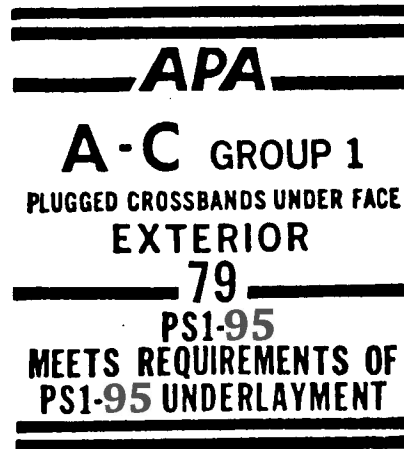
When manufacturing this plywood, the mill uses a special lay-up crew that does their high-quality work, rather than the normal and customary industry-type busheling crew that is paid for high volume production.

A quick review of this plywood panel is as follows:

- AC Underlayment
- A-Face full sanded
- Crossbands under face are plugged to B-Grade
- Core gaps under face are restricted to approximately 1/4"
- Douglas Fir construction
- All exterior lay-up
- American Plywood Association Trade Mark

AVAILABLE IN 4' x 8':

1/4"	3-ply
11/32"	3 or 4-ply
15/32"	5-ply
19/32"	5-ply
23/32"	5 or 7-ply
23/32" T&G	5 or 7-ply



GUARANTEE

If there is a defective panel such as glue failure with resulting delamination, Hardel Mutual Plywood should take care of labor and materials, including the floor covering. Each case is looked at separately and a sample of the defective plywood with the mill's identification stamp is usually required by the mill. Claims are a no-win situation and the mill expects that we all play fair and not make a profit on a claim.

Claims other than defective plywood such as warp and bulging problems are not allowed. These are generally caused by improper installation or exposure to excessive moisture during construction.

The repairs on the A-Face may be either wood patch and/or synthetic repairs. These repairs are made under very rigid controls at the mill. Although there is no responsibility by the manufacturer or us for problems caused by synthetic repairs, it is our understanding that the synthetic repairs on the face have tested 99% acceptable by the Armstrong World Industries Lab.

JOB PREPARATION AND FASTENER REQUIREMENTS

Plywood Supply, Inc, Will make available the APA Data File L335, revised February 2008. This publication should cover job preparation and fastener requirements for APA underlayment.