

Sanded Plywood Standards



PANEL SIZE	MINIMUM NUMBER OF PLIES	MINIMUM NUMBER OF LAYERS
Through 3/8"	3	3
Over 3/8" through 1/2"	4	3
Over 1/2" through 7/8"	5	5
Over 7/8"	6	6

Performance Rated Panel Standards



PANEL GRADE / CHARACTERISTICS	C-C Plugged	C-C	C-D	OSB	Texture 1-11	Sturd-I-Floor	Underlayment
Bond Classification	Exterior	Exterior	Interior & Exposure #1	Exposure #1	Exterior	Exposure #1	Interior & Exposure #1
Face Veneer	Improved C	C	C	N/A	B	Improved C	Sanded Face
Back Veneer	C	C	D	N/A	B	C	C
Face Patches	Yes	Yes	Yes	N/A	303-6 allows 6, 303-18 allows 18, 303-30 allows 30	Yes	Yes
Back Patches	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Repair Material	Wood or Synthetic	Wood or Synthetic	Wood or Synthetic	Wood or Synthetic	Wood or Synthetic	Wood or Synthetic	Wood or Synthetic
Common Sizes	11/32", 3/8", 1/2", 19/32", 5/8", 23/32", and 3/4"	11/32", 3/8", 15/32", 1/2", 19/32", 5/8", 23/32", and 3/4"	5/16", 3/8", 7/16", 15/32", 1/2", 19/32", 5/8", 23/32", and 3/4"	1/4", 7/16", 15/32", 19/32", 5/8", 3/4", 7/8" and 1"	11/32", 3/8", 15/32", 1/2", 19/32", and 5/8"	19/32", 5/8", 23/32", 3/4", 1", and 1 1/8"	1/4", 11/32", 3/8", 1/2", 19/32", 5/8", 23/32", and 3/4"
Usage	Exterior application where one side is visible and under flooring	Exterior application where one side is visible	Wall or roof sheathing where NO long term exterior exposure exists	Wall or roof sheathing and subflooring where NO longterm exposure exists	Siding with permanent exposure to weather	Subfloor application for high impact floor loads	Interior applications for smooth under carpet or resilient floors
Span Rating	Vary by Thickness	Vary by Thickness	Vary by Thickness	Vary by Thickness	Vary by Thickness	Vary by Thickness	Vary by Thickness
Common Species	Douglas Fir and Pine	Douglas Fir and Pine	Douglas Fir and Pine	Douglas Fir and Pine	Douglas Fir and Pine	Douglas Fir and Pine	Douglas Fir and Pine
Structural 1 Option	Yes	Yes	Yes	Yes	N/A	Yes	
APA Ratings	Sheathing	Sheathing	Sheathing	Sheathing & Flooring	Siding	Flooring	Flooring

Performance Rated Panel Standards



APA Sheathing Span Rating

Panel Span	Minimum number of plies
12/0	5/16"
16/0	5/16"
20/0	5/16"
24/0	3/8"
24/16	7/16"
32/16	15/32" , 1/2"
40/20	19/32" , 5/8"
48/24	23/32" , 3/4"
60/32	7/8"

APA Sturd-I-Floor Rating

Panel Span	Minimum number of plies
16" OC	19/32" , 5/8"
20" OC	19/32" , 5/8"
24" OC	23/32" , 3/4"
32" OC	7/8"
48" OC	1 3/32" , 1 1/8"