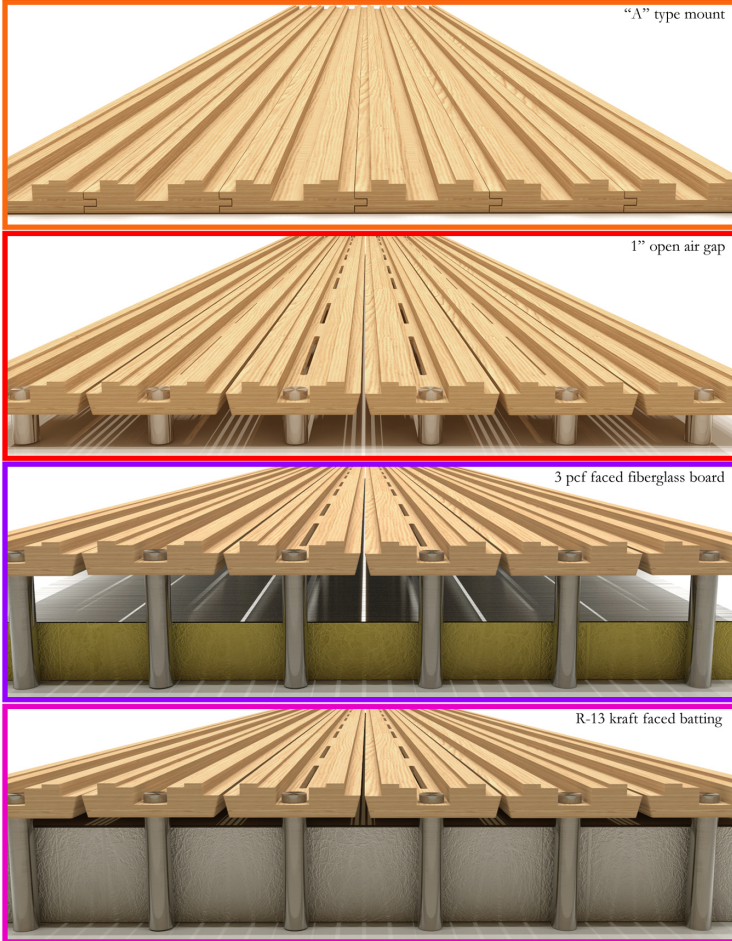


DIFFUSE High Supplemental Acoustical Performance Data

DIFFUSE High | WOOD

DIFFUSE High absorption tests were conducted at Johns Manville Technical Center in accordance with ASTM C-423a industry standard test methods.



f (hz)	ISO - 17497 - 2		ASTM C-423a				
	Scattering	Diffusion	Absorption				
			A Mount	1" standoff	3.5" + faced fiberglass board	3.5" + faced batting	
100	0.000	0.000	0.000	0.050	0.290	0.810	
125	0.000	0.000	0.010	0.050	0.430	0.770	
160	0.000	0.000	0.020	0.030	0.630	0.930	
200	0.000	0.000	0.020	0.040	0.930	0.920	
250	0.000	0.000	0.020	0.050	1.280	0.860	
315	0.000	0.000	0.060	0.060	1.190	0.730	
400	0.000	0.000	0.070	0.110	1.010	0.610	
500	0.000	0.000	0.100	0.220	0.780	0.520	
630	0.000	0.000	0.130	0.390	0.600	0.410	
800	0.000	0.000	0.150	0.360	0.480	0.340	
1000	0.000	0.000	0.150	0.270	0.410	0.290	
1250	0.000	0.000	0.160	0.230	0.360	0.280	
1600	0.000	0.000	0.160	0.210	0.320	0.280	
2000	0.001	0.002	0.160	0.180	0.270	0.280	
2500	0.020	0.016	0.190	0.180	0.250	0.290	
3150	0.155	0.104	0.220	0.210	0.250	0.290	
4000	0.533	0.521	0.210	0.220	0.240	0.300	
5000	0.954	0.625	0.230	0.220	0.250	0.310	
6300	0.923	0.660					
8000	0.817	0.633	SAA	0.110	0.190	0.660	0.480
10000	0.987	0.484	NRC	0.100	0.200	0.700	0.500

