

TABLE 2.7

ULTIMATE-LOAD STRENGTH OF PLYWOOD
UNDER A CONCENTRATED LOAD
(All Loads in Pounds)

Application	Support Spacing Center- to- Center (in.)	Load- ing Disc Size (in.)	Panel Descrip- tion	Panels Tested Dry					Panels Tested Wet or Wet/Redried				
				n	\bar{x}	x_{\min}	x_{\max}	s	n	\bar{x}	x_{\min}	x_{\max}	s
Roof Sheathing	24	3	3/8" C-D	52	691	350	1052	167	50	784	366	1140	183
			24/0										
			1/2" C-D	91	870	369	1679	245	90	1091	534	1934	292
Subfloors	16	3	32/16										
			1/2" C-D	90	1025	567	1888	274	90	1048	580	1730	278
Single- Layer Floors	16	1	5/8" UNDER- LAYMENT (19/32" Minimum)	58	1320	783	1937	252	55	1394	882	2317	296
	24	1	3/4" UNDER- LAYMENT (23/32" Minimum)	56	1341	963	1935	208	58	1422	924	2309	247

of the true sample mean and standard deviations have been obtained.
Further comparisons with other plywood data show that this data
adequately represents plywood performance under concentrated loads.