

U.S. DEPARTMENT OF COMMERCE  
NATIONAL BUREAU OF STANDARDS  
WASHINGTON, D.C. 20234

# National Bureau of Standards Certificate

## Surface Flammability Standard 1002a Flame Spread Index=131

The flame spread index given above is that of the smooth side of representative samples from lot 1002a of  $\frac{1}{4}$  inch smooth-one-side fibrous-felted hardboard. Flame spread measurements in accordance with the detailed procedures outlined in Interim Federal Standard No. 00136b were performed on the smooth side of a representative number of samples from this lot and the data resulting from these measurements are listed below:

PROPERTY	NUMBER OF TESTS	AVERAGE VALUE	COEFFICIENT OF VARIATION
Flame Spread Index, $I_s$ .....	34	131	% 7.0
Heat Evolution Factor, $Q$ .....	34	27.0	7.6
Smoke Deposit, weight, $mg$ .....	7	0.7	23.

The surface flammability standard is recommended for checking the operation of the radiant panel test equipment but does not obviate the need for following the prescribed calibration and standardization techniques outlined in Interim Standard No. 00136 and subsequent revisions.

NOTE: Prior to test, the material must be dried for 24 hr at 140° F and then conditioned to equilibrium at  $73 \pm 5^\circ$  F and  $50 \pm 5$  percent relative humidity.

A. V. ASTIN, *Director.*

WASHINGTON, D.C., 20234, October 30, 1964.