



FIRE RATING

Ram Board Fire Testing

Ram Board has received an **ASTM E84-12 TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIAL**. The test results showed a *flame spread index of 40 and a smoke developed index of 25*.

The *LIFE SAFETY CODE (NFPA)* classifies flame spread into five categories and the *INTERNATIONAL BUILDING CODE* limits interior materials to just the first three categories A, B or C (see chart below). Ram Board falls into the B category with a *Flame Spread Index of 40, and the A category with a Smoke Developed Index of 25*.

NFPA	IBC	rating
A	A	0-25
B	B	26-75
C	C	76-200
D	-	201-500
E	-	over 500

Ram Board has a Flash Point of 662°F and an Auto Ignition of 882°F.

- **FLASH POINT:** 662°F (350°C)

- **AUTO IGNITION:** 882°F (450°C)

- **FLAME SPREAD INDEX:** 40

- **SMOKE DEVELOPED INDEX:** 25