Independent Laboratory Testing

Flame Spread Index and Smoke Developed Index

This document provides results from an independent fire test laboratory on ASI Global Partitions' toilet partitions materials.

Tests were performed in accordance with the American Society for Testing Material ASTM E 84-01 "Test for Surface Burning Characteristics of Building Materials".

ASTM E 84 test results are used by the ICC and NFPA to evaluate burning characteristics of materials classified as Interior Wall and Ceiling Finishes in building materials.

Material Type	Flame Spread	Smoke Development	Fire Rating
Powder Coated Steel	5	30	Class A
Stainless Steel	0	25	Class A
Plastic Laminate	130	180	Class C
Phenolic	45	110	Class B
Phenolic (Color Thru)	25	65	Class A
Solid Polymer	50	450	Class B
ASTM E-84 / UL 723 Guide Lines			
Class A Fire Rating (Class I) - Flame Spread (0 - 25) Smoke Developed <= 450 Class B Fire Rating (Class II) - Flame Spread (26 - 75) Smoke Developed < =450 Class C Fire Rating (Class III) - Flame Spread (76 - 200) Smoke Developed <= 450			

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