
FLAME SPREAD

PRODUCTS DATA:

ITEM	Size & Description	Packaging
GSCS	Grabber Sound Control Sealant	29 oz. tb

FLAME SPREAD RATING

A Flame Spread Rating is a rating assigned to building materials based on data generated by an ASTM (American Society for Testing and Materials) fire test, ASTM E 84*, "Standard Test Method for Surface Burning Characteristics of Building Materials." This is one of several fire tests that may be required of building products

manufacturers as part of the overall "Fire safety" issue in building design and construction. This testing is conducted to assure adequate time from the start of a fire for occupants to evacuate.

There are two components of data generated in the ASTM E84 test that are used to determine the Flame Spread Rating

- 1.) Flame Spread Index. Relative to how far a flame front travels in the test configuration
- 2.) Smoke Developed Index Relative to smoke obscuration data from the test burn

The results of the ASTM E 84 testing enable the National Fire Protection Association (NFPA) to assign a Letter rating (A, B or C) that can be used to determine suitability of a product for use in a particular location. Those ratings for interior walls and ceilings are:

Class A:	Flame Spread Index = 0 ~ 25	Smoke Developed Index = 0 - 450
Class B:	Flame Spread Index = 26 - 75	Smoke Developed Index = 0 - 450
Class C:	Flame Spread Index = 76 - 200	Smoke Developed Index = 0 - 450

REFERENCE STANDARDS:

Asbestos Cement Board:	Flame Spread Index = 0	Smoke Developed Index = 0
Red Oak Flooring:	Flame Spread Index = 100	Smoke Developed Index = 100

GRABBER SOUND CONTROL SEALANTITEM# **GSCS**

FLAME SPREAD RATING according to ASTM E84

FLAME SPREAD	=	5
SMOKE DEVELOPED	=	5
CLASS	=	A

*This procedure is identical to that used by other testing associations: ANSI No. 2.5; NFPA No. 255; UL No. 723; and UBC No. 42-1.
